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Dr. Rishikesh Singh

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Editorial

I feel a deep sense of pleasure in presenting the 22nd volume of "Indian Journal of Social Sciences and Societies" before you. This Journal is published by Flash Publication, Gonda (U.P.) for "Indian Laboratory of Social Sciences and Societies" a research institute. The purpose of the Laboratory is "latest research in social sciences and societies and it shall attempt to achieve this purpose by Organizing Workshops, Seminars, Debates, Exhibitions and Publication of a journal". This journal is an attempt in a achieving the purpose of the Laboratory.

There are so many research journals of various disciplines containing the research papers of only one concerned discpline and not of others. But this type of journals does not satisfy the requirements of Inter-disciplinary Approach which is world-wide tendency in the study and researches in recent years. This journal is an attempt to satisfy such said requirements. It is based on Inter-disciplinary Approach and it contains the research papers from various disciplines namely Political Science, Sociology, Education, Economics, Psychology, Geography, Military Science, Art Subjects, Commerce, Spiritual Sciences and Natural Sciences etc. with a view to represent perfectness and wholeness of knowledge in the field of research.

I can not part without acknowledging the wholehearted co-operation and steadfast devotion, I received from the members of Governing body, Executive body, Editorial board, Refereed Board, Advisory council of "Indian Laboratory of Social Sciences and Societies" and above all from the honest researchers who sent their papers for publication and got them published here in.

I hope with firm belief that this volume will draw the attention and appreciation of learned scholars of various disciplines and the journal will, considerably, be prompting and promoting the latest researches in the field of study as a whole.

Positive and constructive suggestions are hereby heartedly invited.

Date: August 29, 2016.

(Dr. Rishikesh Singh)

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election of india in reference to neurotic	. College girls 'attitudinal proness towards ection of india in reference to neurotic		
tendencies (personality traits), theism, sett age and educational level	S.N Singh	01-09	
02. Kinship Vistimzation of domestic maid workers	Dr. Hari prakash srivastava	10-15	
03. Sitayana: An Epic Of Human Destiny	Dr. V.Ch.N.K.Srinivasa Rao	16-23	
04. Non-Traditional Security Threats: Indian Perspective	Dr. Vishwa Deepaktripathi	24-31	
05. Food Security In India	Dr. Puneet Singh	32-32	
06. H.S.A.B. Principle And Softness Parain Various Structural Chemical Aspects.	meter Dr. Dilip Shukla	33-35	
07- Hkkjr eaHkhie mi;kox oxhidj.k izkkyh %,d iqujkoykodu	MkW0 jkfeUr iVsy	36&42	
08- Hkkjr eaukjh dh cnyrh g h Zo s 'od fLFkfr %xkykhoknh n'klu dsfo'ksk ifji s (;	ea MkWo I hek flog	43&46	
09-{kælinzdr pk#p;kZeavyddkj fo/kku	MkW dkUrh feJk	47&50	
10-iq;e;h df'k mRiknu izkkyh %d vifjg vko";drk	ık; Z MKNO vthr d e kj feJ	51&54	
11.Hkkjr eany&cny %,djktu s rd leL; vk s lek/kku dsi <i>t</i> ;kl	; k MkWf′kds′k fl g	55&59	
12- Lorærk ∨kUnksyu eajk'Vh; dfo; kadk ; kxnku ,oamudh jk'Vh; Hkkouk	fou; d ę kj feJk	60&62	
13- vk/kqfud ekuokf/kdkj ,oaiæq[k liL—r ukVd	nhflr ek\$ <i>1</i>	63&66	
14- Hkkjrh; lekt %efgyk mRihM+u fofHkUu ;qxknen	MkWJ) k l e u	67&71	

COLLEGE GIRLS ATTITUDINAL PRONESS TOWARDS ELECTION OF INDIA IN REFERENCE TO NEUROTIC TENDENCIES (PERSONALITY TRAITS), THEISM, SETTINGS, AGE AND EDUCATIONAL LEVEL

S.N. Singh*

With the purpoe of planning future programme to bring modification in the process of election as well as exploring out the intensity and direction of attitudinal proneness of fair gender towards election of India, a study was conducted on 260 college girls aged 13-21 years form Urban-rural colleges of V.K.S. University Ara, Bihar who were selected on the basis of purposive sampling and were assessed with scale for measuring attitude towards election (SMATE) and Jodhpur Multiphazic Personality Inventory Part-1 (JMPI Part-1) for data collection. The data was analysed unsing t-test. The obtained findings reveal that college girl of high age group, high education level, urban settings and manifesting more anxiety and phobic reaction tendencies and religious belief display more unfavourable attitudinal proneness towards election as compared to their counterparts whereas college girl, displaying more obessive-compulsive neurotic tendency exhibit more favourable attidutinal proneness towards election than those manifesting less obsessive-cimulsive neurotic tendency. Thus age, education level, settings, religious belief, anxiety reaction, phobic reaction, obsessive-compulsive reaction tendencies have been proved as significant factors in influencing attidutinal orientation towards election of India.

Men through his history have grapped with the idea as to what is the best form of government. With quest for this ideal, they evolved different forms of government, however furnished complete satisfaction. Many such modes have disillusioned mankind bacause they contained within themseleves seeds of abouse and tyranny. Ond mode of government has ultimately found acceptance in most of the countries is the demoscratic set-up. This is why we have adpoted his set-up after independence. This domestic set-up hs flourished to a great extent because India has always remained a land of spritualism, religious tolerance, feelings of fraternity, broad sense of humanity along with unique style or adjustment.

But latest socio-psycho-political developments of our country are indicative of the fact that democracy is fastly losing its charm and utility. Electon which is considered to be pillar of democracy, is some how or the other, fact reducing to hollowness.

During election cast, communal and regional achozophernia and mental auphoria are ao rampant that our democracy is in peril. Starngely enough, actors and actresses find easily their awys to the assembly or the parliament but they do not bother for what they *Associate Professor, Psychology, Maharana Pratap Post Graduate College, Mohaniyan, Kamur, Bihar.

want. Most illiterate and tained M.Ps and M.L.As who have not been even brought up by their parents properly and the word 'decorum' is not found in their dictionary dissupt the functioning of the Parliament or Assembly by shouting yelling like unruly school boys. Tempo of violence during campaign made by differnt political is at climax. Election is an arena for them. Therefore, the political parties attempt to win in the election by hook or by crook. Even money and muscle power are used by these parties to wn the election. If today in the name of democracy, some four or five or six organised castes who are in a majority along with muslims comunity monopolize the avenues of wealth and control, then it means that not democracy but oligarchy has come to the front. In most cases, elections are not fought with per dignity, decency and with realistic understanding.

This is how the things stands now. A negative attitude, infact, aversion to this set-up is fast developing in the people of our country, College girls who moome from all walks of life, are most sensitive part of our society and competing with boy in all faculties of discipline must be considering something about this state of affair regarding election of India and its demoscratic set-up.

Keeping the above facts in mind, a project was undertaken to measure scientifically the attitude of college girls towards election of our country. Socio-psychological factors are also responsible in formation of attitude and belief. So, an another attempt was also made to find out the influence of age, education. level, settings, religious beliefs and neurotic tendencies on the direction and intensity of attitude towards elections of India amngs college girls as they are not nucleus of family system, transcriptor of social values and norms and womb bearers of the civilization and script writer of the stories of the great socio-culture-economic changes and also competing with educated boys in all spheres of life and occupying important posts in the government and private services.

The need of the present study is to project clues and insights on attitude towards election of India which will enable election commission to plan future programme to brings modification in the process of election. The finding will serve strong foundation for counselling services which help educated youths being tained in looking at the election in the true perspective with insight, courage, planning responsibility and with a realistic understanding. The findings of the project will also serve formulate basis codes of conduct for an ideal election. The primary objectives of carrying our the study was to finds out the direction and intendsity of attidute towads election of India in reference to age, education level, settings, religious beliefs and neurotic, tendencies as personlity variables.

METHODS

SAMPLES: Adopting purposive-cum-incidental sampling, 260 college girls (out of 400) were found suitable in completing the scale for Measuring Attidute towards Election (SMATE) and the Jodhpur Multiphaisc Personality Inventory Part-1 (JMPI-I) in all respect. They were selected from urban-rural colleges belonging to 1st year to 5th classes, each socioeconomic status. The students of 1st year to 2nd year classes and 3rd year to 5th year classes were named as low educated group and high educated group respectively out of 260 cases, 130 cases were urban educated girls. In the sample, there were 140 girls showing religious faith and 120 girls having no faith in religion. Age-wise distribution of the sample is drawn in figure-1 in which the curve approximates a normal distribution curve. Use of pourposive-

incidental sampling has been found to yeild nearly normal distribution curve by Singh and Pandy (20074) and Pandey (2011).

Tools: Scale for Measuring Attitude Towards Election (SMATE)

SMATE is compromsie of 21 items measuring attitude towads election, it is constructed and developed Singh (1992) on the basis of five-point Likert type scale. Subjects were required to rate items on a five point scale ranging from 'fully agreed to fully disagree'. The SMATE was fount to have high construct validity and reliability (split-half-r = .61 test –retest-r=.80)

Jodhpur Multiphazic Personality Inventory Part-I

This inventory constructed and standardized by M.C. Joshi and A.K. Malik (1982) was subjected to respondents for data collection on 7 (seven) neurotic tendencies as personality attributes: anxiety reaction, phobic reaction, obsessive-compulsive reaction conversion hysteria, dissociative hysteria, depression and neurasthenia.

Procedure: SMATE and JMPI Part-1 were suitably administered on 260 college girls and the obtained data was tabulaed, analysed and interpreted with the help of 'T' test.

RESULTS

Table-1

Showing Mean, so and t-value of high and low age group of students regarding attidute towards election.

Low Age Group	High Age Group		
N = 60	N = 45		
Mean = 52.89	Mean = 58.79		
SD = 12.65	SD = 15.38		

t-value = 2.10, significant at 0.05 level.

Table-2

Showing Mean, so and t-value of subject of low and high education – level regarding attitude towards election.

Subject of Low Education Level	Subject of High Education Level		
N = 120	N = 140		
Mean = 53.14	Mean = 59.79		
SD = 12.55	SD = 12.89		

t-value = 4.29, significant at 0.05 level.

Table-3

Showing Mean, SD and t-value of rural-urban college girls regarding attitude towards election.

Subject of Low Education Level	Subject of High Education Level		
N = 130	N = 120		
Mean = 51.31	Mean = 60.35		
SD = 12.25	SD = 14.08		

t-value = 4.81, significant at 0.01 level.

Table-4

Showing Mean, so and t-value of subject of low and high education – level regarding attitude towards election.

Subject of Low Education Level	Subject of High Education Level		
N = 140	N = 120		
Mean = 62.31	Mean = 60.42		
SD = 15.83	SD = 10.78		

t-value = 5.95, significant at 0.01 level.

The result indicates that subjects belonging to hight age group and low age group differ significantly regarding direction and intensity to attitude towards election. Hight age group manifests more negative attidure towards election than the low age group of students.

Subject showing higher education-level show higher unfavouable attitude election of Indian than those showing low education level. The both goups manifest significant difference regarding attitude towads election.

Students belonging to urban setting manifest higher unfavourable attitude towads election than the students belonging to rural settings. The both group differ significantly regarding attitude towards election.

Subject showing regious belief and showing non-religious belief manifest significant difference regarding attitude towards election. Subject of thesis (religious) group display more unfavourable attitude towards election than subjects of theist group.

For analysing the influence of personality variable on attitude towads election, with the help of quartile deviation (Q.D.) subjects on high SMATE scores and low SMATE scores were selected from the sample. Subject having high SMATE scores were selected from the simple. Subject having high SMATE scores were named as High SMATE Group (HSG) and subject having Low SMATE Group (LSG). HSC exhibits mor unfavourable attitude towards election whereas LSG displays positive attitude (or less negative attitude) towards election.

Variables	Mean		SD		t-value
Q	HSG	LSG	HSG	LSG	
An	58.08	48.08	25.78	22.35	2.31*
OC	40.27	50.08	24.23	26.20	2.17*
CR	34.23	38.48	18.39	18.60	1.28*
HyD	16.68	15.77	9.60	9.10	0.544
Ph	20.16	15.75	10.42	8.94	2.53*
D	54.08	50.009	15.70	13.70	1.52
Ne	17.19	16.48	8.20	5.22	0.64

Table-5

The results indicates that subject of HSG and LSG differ significantly regarding anxiety reaction (An). The HSG manifest more anaxiety neurosis that the LSG.

Regarding obsessive-compulsive tendency LSG displays higher degree of obessive compulsive tendency than the HSG. The both groups differ significantly on this (OC) psersonlity variable.

LSG and HSG do not differ significantly regarding conversion reaction tendency (CR), LSG show higher degree of obessive-compulsive reaction than the HSG.

^{*} Significant at 0.05 level

^{**} Significant at 0.01 level

High SMATE group (HSG) manifest a bit higher mean score than its countpart regarding hysteria dissociate (HyD) as personality factor. The both group, i.e. HSG and LSG do not differ significantly here.

Regarding phobia (Ph) or phobic reaction tendency hight SMATE group (NSG) and low SMATE group differ significantly. HSG manifests higher degree of phobic reaction.

Through HSG shows a slight higher degree of depression than its counterpart (LSG). But the both groups (HSG and LSG) do not differ significantly regarding depressive reaction (D).

HSG and LSG both groups do not differ significantly regarding neurasthenia (Ne). High SMATE group only shows a bit higher neuroasthenic tendency than low SMATE group.

DISCUSSION: So far as age factor is concerned, high age group of college girls manifests more unfavourable attitude towards election of India than those belonging to low age group. According to Hyman (1959) younger people seem considerably more liberal on party preference, civil liberties and racial question and a common hypothesis is that people become conserveative in their opinion as they advance in age. On the basis, college girls belonging to high age group should have favourable attitude towards Elections of India. But students belonging to high age, in real, are more informative, experienced and matured than those belonging to low age group. So they percive all that happens during election truely and deeply. This is why college girls belonging to high age group display more negative attitude towards election. This finding gets support by few studies done by singh (1992), Singh and Pandey (2007).

It may be racalled that college girls belonging to high education level manifest more negative attitudinal orientation with much intensity towards election than those girls who belong to low education level. Thus education level as a social factor has been proved as a significant factor in directing or changing attitude towards election of India. It may be doe to the fact that really students possessing hith education level look more experienced, matured mentally and behaviourally, well turned-up, disiciplined, dynamic, capables to think reationally and more matured in giving adequate responses than those who possess low education level, Schneider (1960) supports this view as he emphasises the role of education in preparing the individual to face the problems of life. He also stresses that "maturity of responses is an essential criteria of development of basis structures, capabilities, needs acceptance of responsibilities and groth of personality and behaviour towards a well oriented satisfying life." This view is also supported by Singh and Pandey (2007) and Singh (1992). Therefore, it may be said that education level results in influencing attitude towards election of India and as shuch conclusion that 'the college girls of high education level displays more negative (unfavourable) attitudinal orientation towards election than those possess low education level is not unwarranted.

As far as rural-urban settings are concerned, college girls belongiong to urban area mainfest more unfavourable attitude towards election than those belonging to rural setting. Thus, the both groups differ signifinantly regarding attitude towards election of India. Undoubtedly it may said that urban settings give more opportunities in blossoming students all round than rural settings. Rural culture appears to be characterized by an agricultural

based, orthodox, rigid and less informed type field while the urban culture is disguished by busniess or industry-based or professional - oriented, modern dynamic and better informed. Therefore the students belonging to urban setting will display more unfavourable attitude towards election than their counter parts. Thus urban settings is reponsible for influencing attitude towards election. This view is also supported by Singh (1992) and Pandey (2007).

It may be recalled that college girls showing religious belief and college girls who do not have faith in religion differ significantly regarding attitude towards election of India. College girls of theist group manifest higher degree of negative attitude towards election than their counterparts. Undoubtedly, religion provides efficaiously and more abundantly an adequate scale of values or philosophy of life and set of worth-while attitudes and habits for wholesome stability and it by its experience, belief and practices in more eminently suited to the gratification of damaging conflict feelings and frustation. Due to these things religious college girls perceive all that happens during election turely and deeply.

This is why college girls possessing religious faith display more negative attitude towards election and as such conclusion is not unwarrented. This findings seems to be in contradiction with the finding of Pandey (1982) and Singh (1992) but the result obtained by Sharma (1990) is in confirmity with this finding.

So far as anxiety reaction tendency is concerned, high SMATE group (HSG) and low (LSG) differ significantly. The farmer group mainfests higher degree of anxiety reaction than the latter group. The findings reveals that college group showing more anxiety reaction tendency display more unfavourable attitude towards election than those who show less anxiety reaction. As personlity variable, anxiety reaction—is responsible for influencing attitude towards election. Persons manifesting more anxiety neurotic reaction are extremely sensitive, may be convinced that something terrible is going to happen have persistent anxiety which is diffused and not restricted to definite situations or objects and are involved in exaggreated use of aviodence behaviour. As such persons may, definitely, become much more sensitive, anxious, frustrated after perceiving all that happens during election in India. This is why college girls showing more anxiety neurotic reaction display higher degree of unfavourable attitude towards election and as such conclusion is warrented. This findings gets supported too from supply by Singh (1992).

It may be realled that low SMATE group exhibits higher degree of obsessive-compulsive reaction tendency as compared to its counterpart. Thus both groups, i.e. HSG and LSG manifest a bit significant different between them regarding obessive-cumpulsive neurotic tendency. Thus, this result reveals that college girls mainfesting higher degree of obessive-compulsive reaction tendency show lower degree of negative attitude (more favourable attitudes) towards election than those displaying lower degree of obessive compulsive nerotic tendency college girls mainfesting higher degree of obessive-compulsive mainfestendency have marked control over enviourment and may be deliberate, thoughtful, sober and punctual as well and obsessive-compulsive conditions also may serve as a protection form aggressive feeling against others. Whatever rsentment and frustration build up with in indiviual and unconscious feeling of aggression develop, there is possibility that an obession will express itself. Obessive-compulsive behaviour may be a form of self-protection. As such persons may deliberately express positive or favourable opinion and

attidute towards any subject matter and obstain from oppossing anything or anybody. Thus, they look more thoughtful, sober and punctual. This is why college girls showing more obsessive-cumpulsive neurotic conditions display more favourable or positive attitude towards election than those manifesting less obsessive cumpulsive neurotic tendency. So as such conclusion is not unwanrranted. This findings is similar to the result found by Singh (1992).

So far as conversion reaction is concerned, high SMATE group and low SMATE group do not differ significantly. However Low SMATE group exhibits a slight more 'conversion reaction tendency than those who belong to high SMATE group. This result indicates that college girls manifest lower degrees of negatives attitudes (more favourable attitude) towards election than those who displays lower degree of conversion reaction but not significantly. Persons with conversion reaction tendency have passive aggressive personality, feel inadequate to cope independently. So, they seek sympathy and are highly suggestive. As such persons may have thoughts and feelings against election system and all that happens during election but doe to being highly suggestive and having passive aggressive personlity they are unable to express their opinion or attitude clearly and vehemently towards election. These are the reasons that college girls showing a bit higher degree of conversion reaction reveals more favouable (positive) attitude towards election but this conclusion is unwarranted. Same result was found by Singh (1992) in his study.

It may be recalled that high SMATE group manifest a slight higher degree of hysteria dissociate than their counterpart. HSC and LSC do not differ significantly regarding hysteria dissociate (HyD) as personality variable. This finding indicates that college girls showing a bit higher degree of hysteria dissociate (HyD) manifest a bit more negative attitude towards election than those display less hysteria dissociate but not significantly. Persons having dissociative dangerous and this neurotic conditions is a way of avoiding sterss while gratifying of needs in a manner permitting the persons to deny personal responsibility for his unacceptable behaviour. As such persons may have desire to escape from some unpleasant situations during election, feel wish to be sick in order to aviod such situations which have been created during election. Under additional or continued stress, the appearance of the symptoms of some physical alilment may be observed within such individual. This is why college girls who show a slight dissociative hysteria indicates a bit more negative attitude towards elections than those display less dissociative hysteria but as such result is not warrented. This finding gets support from Singh's finding (1992).

So far as phobic reaction as personality variable is concerned, high SMATE group and low SMATE group differ significantly. The high SMATE group manifests higher degree of negative attitude towards election than the low SMATE group. This finding reveals higher degree of unfavourable attitude towards elections as election as compared to their counterparts.

Persons mainfesting more phobic reaction tendency are to develop phobic reactions after a trounmatic experience from classical and operant conditioning may be learned vicariously through obervations by persons (Bundura, 1969; Mineka, Davidson, Cook and Kair, 1984). As such persons may feel traumatic experience after perceiving all that happens election (such as caste – communal regional schizophrenia, mental auphonia, extreme tempo

of violence, misure of money and muscle power at the time of comaigning made by political and all alike) and develop phobic reaction display more unfavourable attitude towards election of India than those who displays less phobic reaction tendency. So, as such conclusion is not unwarrented. This finding is in confirmity with the finding formed by Singh (1992).

It may be recalled that high SMATE group and low SMATE goup do not differ significantly regarding depressive reaction tendency as personality factors. However, high SMATe group manifest a slight higher degree of depressive reaction than the low SMATE group. This finding indicates that college girls showing more depressive reaction reveals higher degree of negative attitude towards election than those who sho less depressive reaction but not signifinatly. Persons showing more depressive reaction tendency are low stress tolerannt, prone to guilt feeling, rigid conscientious and hostile towards loved one, restless, tense discourage dejected and sad. As such persons may be positively hostile, less tolerant to all that happens during election. This is why college girls showing more depressive reactions manifest, a slight higher degree of negative attitude towards election then those manifiesting less depressive reaction but as such conclusion is not warrented.

As far as neruasthenia is concerned, high SMATE group and low SMATE group do not differ significantly. The result is indicates that college girls manifesting nerasthenia display a bit higher unfavourable attitude towards election as compared to those displaying less neurasthenic reaction. Persons manifesting more neruoasthenic tendency have prolonged frustration, discouragement, hopelessness, self-centered attitude, properly regressed hostility. As such persons may not be so conscious, alterted and concerntrated to perceive openly and display as they should do. This is why college girls who revealed more neuroasthenic reaction tendency manifest a bit higher unfavourable attitude towards election then those who display less neuroasthenic tendency but as such result is not warrented.

CONCLUSION

College girls who are the most sensitive and integral part of society, the nuclear of family system, transcriptor of social values and norms, the womb bearer of the civilization and the script writer of the stories of the great socio-culture economic changes and succeedings in all faculties of disciplines and also occupying posts regarding the government and private services like boys of college and university, have also exhibited more or less unfavourable attitude towards election of India. College girls belonging to high age group, high educated level and urban settings and having religious faith mainfesting more negative attitude towards election then their counterparts. In other words, age, education level, settings and theism have been proved as significant social factors in influencing attitude towards election.

So far as neurotic tendencies as personality attributes are concerned, college girls manifesging more obsesive-compulsive neurotic tendency (OC) reveal positive (favourable) attitude towards election then their counterparts, whereas college girls displaying more anxiety neurotic reaction (An) an phobic neurotic, tendency (Ph) show more negative (uncomforble) attitude towards election than those who show less anxiety reaction and phobic reaction.

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KINSHIP VISTIMZATION OF DOMESTIC MAID WORKERS

Dr. Hari Prakash Srivastava*

The victimization of lower strata is widely regarded as a serious problem that affects a large number of people especially women and children. The investigator feels that the sclolars of victimology have spared to look into the studies of domestic maid workders, victimization. Hence the present study is an attempt to discuss the same.

Main objective of the present study are:

- (i) to identify the victims and kinship members victimizing domestic maid workers:
- (ii) to poin out various patterns of victimzation;
- (iii) to suggest some measures to prevent the kinship victmization of domestic maid workers:

The study is relevent because it throws light on the victims, kinship victimizers, patterns of victimization and some factors reponsible for victimization and suggestions to prevent it. The study is more important because it is based on the empirical basis and the field work done in Gonda, a backward district's head quarter of U.P. from where a large number of males, leaving their counter parts as well as other members, migrate to metroplies and business centers to earn money because joblessness is major problems of this region.

For collecting primary data the resercher interviewed 50 domestic maid workers (as sample) with the help of a self-structured interview schedule and participant obervation and reviewed various types of literature books, published and unpublished theses and reasearch papers. Finally, he analyized them and varfied hypothesis. The study is confirmed to the victimization by kinship members only.

From the study the study tested is "Domestic maid workers – particularly those who are single or dewlling alone – are victimized by their near and dear under the garb of sacred relations."

There are two sectors of labour – organised and unorganised. In unorganized sector the workers are neither expected to have any specific knowledge or technical skill nor they are registered or covered under labour laws or Social sercurity provosions. The naure of service and working conditions of workers are temporary.

The women of lower Socio-economic strata engaged in unorganized sector of labour who seek one or more of cash, kind, facilities or anything from labour-seekers for proceeding them domestic (particularly in house) services, are domestic maid workers. These maids are

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increasingly becoming 'need' of those families whose males and females both aspire to earn money and unable to perform their traditional doestic roles well. "The fact time – table and role responsibilities. It is also affecting child socialization on – domestic servants and nursery schools perform the role of surrogate mothers."

On the basis of the study the domestic services can be divided into following categories:-

- (i) Cleaning of kitchen utensils;
- (ii) Cooking;
- (iii) Washing and pressing the clothes;
- (iv) Scavengery;
- (v) Nurshing;
- (vi) Mopping;
- (vii) Massaging;
- (viii) Multiple Services;

Illinois defines domestic violence as "physical abuse, harassment, intimidation of a dependent, inerference with household relationship with personal liberty or willful deprivation" in family or household relationship. Family or household members include "spouses, former spouses, parents, step children and other forms related by blood or marriage, persons who share or formerly shared a common dwelling who share a common dewlling and persons who have or alleged have a child in common.²

'Victim' means persons who individually or collectively have suffered harm including physical and mental injury, emotional suffering, economic loss or substantial impariment of their fundamental rights through acts or omissions that are in violation of criminal laws operative within member states, including these laws procribing criminal abuse of power.³ Victimzation of women can be defined as an unethical, immoral and unlawful act of torture, assault or elimination agasint female sex by an individual or a group.⁴

The domestic maid workers included in the sample are torture by the following categories of kinship members:-

- (A) Primary Kinship Members –
- (i) Parents;
- (ii) Spouses;
- (iii) Sons and daugters;
- (iv) Brothers and sisters;
- (B) Secondary Kinship Members –
- (i) Parents-in-law;
- (ii) Brothers and sister-in-law
- (C) Tertiary Kinship Members/others -
- (i) Husbands of sisters-in-law
- (ii) Maternal uncles/aunts etc.;

Women are generally to tortured by battering. Battering is "a constellation of phsical, sexual and pwychological abuse that may include physical voilence, intimidation,

It is observed that the husbands victimize their view because of frustration, being jobless, law wage earner and unable to meet out family expenditure. Generally tired after the whole day manual labour and abused and teased by labour -seekers, they became wrathful on their view and children because they and only they are bound and conditioned of drugs for relief from fatigue. On asking to give up drugs and alcohals or throwing such material, they become furious and in case, a day or two, they are unable to earn money themselves either they borrow from others or try to extract it, from wives purse. In scarcity they compel to manage, if not at home, from elseshere. On denial, they not only become violent but begin to abuse and throwout the domestic materials. According to 4 (8%) of them, their husbands blame them for having illicit relations with males including in-laws and members or servants of the families served. 2(4%) of them accused that their drunkard husbands compel to offer themsevles to their companions who visit their huts frequently even to the extent of sex ual contacts. To see such absurb intentions they become cautious and ask the visitors never to come to their homes futher. On interrogation they told that they are bold enough, if it is necessary to beat and push out them using phsical strength and to face the challange successfully. Fagan says "The use of alcohal if often associated with aggression." The present study reflects that not the use of drugs or alcohal but the extraction of money for buying it and the consequences of alcohalism as well as the company of drunkards are the casuses of torture.

6% childtess respondents are mentally/psychologically tortured by calling barren through they are sure, on the basis of their medical reports, they they have no defect, deficiency or fertility problem. But not of thet in laws is ready to admit the truth and are motivating the husbands for second marriages. 4(8%) others, inspite of having daughters are being blamed for not only for son/s. 2(4%) widows are cursed not only for remaining issueless but also for uncomfortunate 'killings' of their own husbands. Some of the adults bachleorttes are also blamed for their fate for remianing unmarried. 7(14%) of them exclaimed that, on being a bit late in returning home, not only their husbands but their other in-laws also question with suspicion. In all, those who are single or whose husbands are away due to migration are looked upon with suspicion and warned to maintain the schedule. 3(6%) of them whispered that their in-laws of both sexes slush on them but do not rectify their own characters.

It is also observed that the mother-in-laws, just after the marraige, want their son-in-law. They pressurise their daughters-in-law and if not, the begin to curse them. In case they reproduce daughters, they ask to conditions till the birth of a son. In these conditions 2(4%) respondents had to reproduce 3 and 4 daughters for which they are unable to look after well.

Sometimes, the in-laws, after coming to know of being girl pressurise to kill the foelus though the repsondents do not want. But they have to obey their senior in-laws otherwise they are humiliated.

Inquality or favouritism, hatred or indiscipline in the family may repulse those members to wards whom there are ill-feelings. 3(6%) adolescents dwelling with their step mothers reveals that they are not much hurt by the evil behaviour of their step mothers who

always direct to complete own domestic work also, in addition to 'occupational services and treat them as refugees because they are step, but by their own fathers as who surrender before their wives substituties. Likewise, the repondents whose husbands are away from them, are compelled not only to be over worked but they their children are deprived of even basis needs of life and inspite of being entiled for common sharing and husbands' regular financial help to local masters who treat them ilde and weaklings. They have to do domestic work in their own houses also whereas some other female members enjoy rest and leisure.

There are also example of those who are forced to leave their in-laws houses and to go back to their parental homes for whole future. Majoomdar, though writes for common women, bue becomes ture for some doesmtic maid workers also: When the tension becomes chlorine as it sometimes does, husbands have to take the law in their own hands and send the wife to her parental home and even take a second wife ... ⁷ because she is a burden, a curse and liability. ⁸

It is learnt that the heads of some families send their sons after marriage to make money outside and try to set illicit relations with their daughters-in-law. Sometimes their husbands brothers and their sisters-in-law's husbands also try to take chances alike. It is a matter not to be believed easily but it is observed that many husbands returns only after a few monthes from their work places. As such one has to believe takes like these. On the other hand, the respondents also understand that they have to live under the umbrella of the males other than the husbands. So, they do not worry about their chastity much. Some of the relatives wants to take advantage of their relationship. Saluja and Saluja comments, "These types of relations start under the shadow of scared relations." They are often victims of trust and misplaced faith. 10

It is also observed that domestic maid workers particularly deserted and widowed are suppressed by others by damaging their rights to property. 4(8%) such respondents claim that their in-laws expore them phsically and econominally (psychological exploitation is but natural). Economically victimzed are deprived of their share to property. It is also because, being women, they are not aware of the details of movalble and immovable property of their husbands/parents-in-law. They are deprived of gifts, even ornaments gifted to them by their own parents at the time of marriage. 2(4%) of them accuused their father-in-law to borrow some loan in their names, and at the time of recovery, they are dead. The respondents in the same number also accused that attampts are made to kill their sons so that their share of property be named in others favour. A brother of a respondent's husband lodged first information report against her (victim) of elopment carrying valuables and ornaments without any information and questioned on her chasity.

Some domestic maid workers unhesitatingly agree that the traits of their personalities are also responsible their victimization. In this context they expressed as follows:-

(i) The domestic maid workers who live permanently (round the clock) in the families served feel that they are unable to get rest and leisure. Oftenly, they are called upon for one or other work even when they are in the bed for sleeping. It is also because they never deny to work for them short period of leisure (after noon) is also taken away by the masters.

- (ii) Some to these also who are not permanent dwellers, are called upon to do some additional work of different nature then that of their own and lured by a pinch of extra benefits. These engagement become hurdle not only in meeting with their relatives but also in looking after their children and finishing their own domestic works.
- (iii) Inspite of being over burndened some maid particularly those who work in their husbands or sons bosses families are bound to work unwillingly. 2(4%) of them exclaimed with sorrow that they neither get even a single penny for their services nor even a cup of tea in these families.
- (iv) One adolescent revealed that one of the adult masters used to give some dishes intially who began to give anything unhestiatingly even to her mouth while cleansing the utensils. Though she did not like it but could not refuse. After that he give some gifts to which she accepted warmly and became emotionally attached. Ultimately, she was victimized for all purpose and satisfaction.

Prevention from victimization is the right of the women and the duty of the state, U.N. Declaration on Vicims emphasizes the following four aspects of right to victims of crime and abuse of power:-

- (i) Access to justice and fair treatments;
- (ii) Rrestitution;
- (iii) Compensation and
- (iv) Assistance

Indian constitution also guarantees its citizens some fundamental rights i.e. right to justice, right to property and right and expoitation etc.

The Governemnt of India ultimately realized the brutalities and other atrocities against women not only by the husbands but also by other kinship members and considering the relevance of old laws inadequate brought a new provisoins "Protection of women from doestic violence Act, 2005" that not only gurantees the full sercurity of women's body but it goes to the extent of punishment for even oral humiliation (Like uttering barren or hussy for a women). It is hoped that this Act will safeguard the women for torture.

For prevention of victimizaion the following steps can be taken:-

- (1) to tame brutal instencts of men;
- (2) to promote culture of honour to women;
- (3) sympathilic attitude of the society especilly towards widows and deserted of lower classes;
- (4) abolition of discrimination against women;
- (5) women authorties to tackle with the cases;
- (6) careful watch on offenders, treatment and trial to prevent revictimization;
- (7) administrature support to the victims;
- (8) free counselling and legal support;

From the above discussion it is clear that the domestic maid workers – particularly those who are single, are socio-ecnonomically parasites and bound to be victimised.

Hence the hypothesis is verified.

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SITAYANA: AN EPIC OF HUMAN DESTINY

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There may have been several Ramas, perhaps but never more than one Sita. Prof. K.R. Srinivasa Iyengar innovatively sketches Sita's image in his epic Sitayana not as the gentle chaste wife of the hero Rama, but as central and pivotal to the story-line. Needless to say, Prof. Iyengar deals with the symbolic significance of Sita's character rather than her mere physical presence.

Prof. Iyengar's interest in the *Ramayana* dates back to his translation of the 'Sundarakanda' of *Ramayana* in 1982. The author says in his introduction to the *Sitayana* that his recital of the *Ramayana* story came to be slanted as *Sitayana*. The author remarks that the essential ingredients of *Ramayana* constitute what he describes them as the spinal column as well as the life blood of *Sityana* as well.

The author falls back upon some of the techniques of the Greek tragedy, in particular the technique of retrospective narration and makes use of this in the epic Sitayana, to suit the shift in emphasis from the story of Rama to that of Sita. To sustain continuity, the gaps in the story are filled in with the help of retrospective narration. The work is based on three sources, - Valmiki's *Ramayana* primarily but also the Tamil *Ramavataram* of Kamban and the *Ramacharitamanasa* of Tulsidas.

The epic, like the drama, at points requires a willing suspension of disbelief. No wonder, the characters of Hanuman and Kumbhakarna among others are 'darlings of Unreason': inextricably integrated with our racial consciousness as the author himself puts it.

In spite of all this the author asserts that the central concern of the work is with the human beings, however much they may serve as instruments of the divine. Rama and Sita are archetypes of Hindu ethos but the characters have not lost their interest even today, as they come alive with contemporaneity, all their own.

Prof. Iyengar, probably keeping in mind Sri Aurobindo's *Savitri*, describes Sita and Rama as 'Powers that advance human evolution towards far horizans' (P.XV). We all know that Savitri strives towards a new Dawn and Sita according to the poet seems to do no less.

It is not for nothing that Iyengar concludes his introduction with words borrowed from *Savitri* of Sri Aurobindo:

She is the golden bridge, the wonderful fire; The luminous heart of the unknown is she, A Power of silence in the depths of God.

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In his prologue to the *Sitayana* the poet declares in the epic style that he intends to write of womanhood and the glory of motherhood with its travails, - also of the primordial Shakti's myriad manifestations on earth. If Savitri is one Avatar, Sita is another. They are only two points in the long line of evolution. The poet concludes the prologue with a prayer that the grace of the Mother, 'mighty, fair, immaculate' may redeem us still.

Canto One of Sitayan starts with Narada calling upon Janaka the philosopher-king. They pick up a philosophic disputation and Janaka the wise asks Narada as to why in spite of a galaxy of saints and 'gnanis' the common man often finds it almost impossible to attain salvation, much less think about it. Man lives now as he did earlier in an existential dilemma swinging, as the poet rightly describes it, 'between the poles of existence.' Life does not seem to have any purposeful or meaningful direction to the common man, the man in the street. His mind is 'tortured with incertitudes'. Janaka is worried that a large majority are denied the instruments of salvation, despite the presence of great 'tapasvins' on this earth. Narada tries to explain it away as Maya or Lila. The human soul is also perturbed by excess of ego. The man who thinks of the 'I' is verily demonic. Janaka points out that the sacrifices made through Vedic chants among other varieties of worship that may be termed 'sacramental', do not seem to relieve man of his bondage. Man is unable to come out of the shackles of his ego in spite of all these varieties of worship. Therefore Janaka reiterates his urge for a simpler mode of worship that might deliver not one but the general multitudes from the shackles of reiterated life and death. Narada understands the anxiety of Janaka and remarks that some souls dwell apart and shine like stars in isolation. But others, simpler in their life style and understanding, must have their own privilege to salvation. Love, according to Narada, is one of the parameters which holds the humblest human beings together, but the perennial source of divine love emanates from the Magna Mater. Hence as in Sri Aurobindo's Savitri, Prof. Iyengar also holds the view that the descent of the Divine Mother exuding love will alone redeem the commonalty from the shackles of physical existence. The descent of the Divine alone ushers in a new dawn and Narada says that a new incarnation with the Mother in a human form may help in the redemption of humanity at large. Hence the poet rightly marks Narada's remark:

> A manifestation and ministry, Recognisably human Yet intrinsically Divine, may charge All the earth with life anew. (*Sitayana*, P.12)

There have been many incarnations of the Mother Goddess and another incarnation may not be out of place as humanity from time to time may require a new Avatar to redeem them, granted that human memory is very short-lived.

The narration of genealogy which forms a part of traditional epics is to be found in Sitayana also. The descent of Janaka from a long line of great forerunners is recorded with a certain amount of meticulousness. Janaka was however at the outset of his career left with the dissatisfaction of no sons from his loins.

Janaka the philosopher-king is rightly delineated as falling into a philosophic contemplation of the 'tricks and turns of the ages'. Prof. Iyengar under the influence of Sri

Aurobindo is conscious of the Dawn and the supernal grace of the Goddess in the form of 'Ushas, Dawn Savitri or Sita'.

Janaka was destined to have the incarnation of the goddess as his daughter. Iyengar falls into an elaborate description of the qualities of this other worldly creature. Her beauty is ineffable, her smile is serene. She was like a flash of revelation. Physically she might have been the figure of a woman but in reality she was the all-inclusive Mother. Janaka seemed to have realized in a flash, under the grace of the goddess, life with its bundle of contradictions and achievements of a high order. In a moment he felt as though the 'gateways to the future burst open'. In other words Janaka seemed to have been blessed with supernal wisdom about the genesis and the working of the universe all felt in a flash. It appeared, he was in a trance where space and time did not count. The writer describes all this to set a tone for Janaka to be the father of the Mother Divine in the shape of Sita. Prof. Iyengar remarks very meaningfully that the question was larger than Mithila and that humanity's desriny was at stake. The birth of Sita was not a question that would concern janaka alone as a father but the entire human race as her avatar is bound up with human destiny.

Soon after Narada's departure, Janaka arrives at the ashram of Yajnavalkya to seek his mature counsel. Janaka tells Yajnavalkya that the burden of kingship being a secular duty often obscures the vision of the 'jnani'. The common citizens witness the 'karma kanda' with its varied sacrifices but are unable to read the symbolic significance of the rituals. While 'Purusha prayatna' or human effort is necessary, without divine sanction it is a poor thing in itself. Yajnavalkya sums up his argument by reminding Janaka of Narada's exhortation that Janaka should initiate a ritual sacrifice and make a beginning with a plough.

The smile of Sita seemed to reveal to Janaka all the cosmic mysteries. The barrenness and doubt in his mind which troubled him a while ago seem to be miraculously dispelled in a moment. No wonder, she appeared like a charter from heaven. Yajnavalkya who was there immediately remarks that this babe was not cut ou8t for conventional destiny. She was an incarnation of 'Mahashakti', with a difference.

This latest of Shakti's emanations
May play the sheer melting role
Of sublime sufferance and alchemic
Action and transformation. (*Sitayana*, P.32)

Sita's beauty was a blaze of radiance and her veiled abilities seem to defy even his comprehension. The poet rightly describes Sita's coming as a tantalizing mystery. To the commoners and onlookers Sita would appear to have shared the bounties of nature, along with other royal women. But her growth was 'god's garden of growing consciousness.'

Sita tries to make her birth appear natural like the birth of any other. She likes to live like any other girl in the company of others, so that she might appear to share the girlhood as it occurs on earth. Nevertheless her talk savours of the philosophic. Sita pretends to be a silent learner. Nevertheless, as the poet rightly remarks, Sita was the 'light among the lights' and 'the grace of all graces.' (P.43) What is more, to give her girlhood an authenticity, the poet represents her as having played chess, snakes and ladders and the like. Like Sri Aurobindo, however, Iyengar never loses sight of the symbolic value of Sita's sojourn on earth, as she seems to be interested in the odyssey of the soul-

....the soul's journey

Through the tunnels to the Light. (*Sitayana*, P.44)

The poet represents Sita as tossing on psychic motions like every other human, although he is well aware that to humanize the Divine is no easy task. Sita is represented as contemplating the connection between good and evil. Life, as Maitreyi assures Sita, is like a dream intangible. (P.49). In her discussions with the yogi, Sita speaks about the essential oneness of the universe and contradictions which figure merely on the surface (P.52):

The world is one and many, And all fragmentation, contradiction And self-division are false.

For Sita, as for her sisters, the years of their girlhood were indeed a seed-time of unceasing unfoldment and growth within and without (P.54). The poet speaks of Sita's encounter with Gargi where the latter speaks of the value of the meditation. One notices on keen observation that the poet intersperses the story about the physical growth of Sita alongside her mental evolution. The poet narrates the story of women other than Sita mentioned in Indian mythologies, thus widening the scope of his discussion on womanhood as presented in Indian mythology.

In Book-II, in lines reminiscent of Ramayana, Sita speaks indignantly to Rama who speaks of his exile from Ayodhya and talks of separation from Sita and others. She tells him that she can be no more separated from Rama than the Sun from his rays, the shadow from the object. She reminds Rama of Janaka's words that she would follow him like a shadow through thick and thin.

I'm sinless, and my father Janaka, My mother too, have taught me How, shadow-like, I should always partake Of your life's vicissitudes. (*Sitayana*, P. 139)

Thus Sita proves herself a brave lady.

My father, Janaka of Mithila, Surely chose a man as my Husband, not a woman in man's image What fear governs you, my lord? (*Sitayana*, P.140)

So Sita convinces Rama and shares his exile with their first journey to Chitrakuta.

Sita is no mere shadow of Rama. She exhibits a personality of her own in demanding an equal share with her husband in the obligations of life. In Book-III, on a suitable moment, Sita speaks freely to Rama reminding him of Dharma's imperatives. She says that there are three important temptations namely-falsehood, adultery and the third, violence without cause. She feels concerned that he may yield to the temptation of indulgence in unwarranted violence by pledging protection to the *rishis*. She feels that launching a crusade against those that do not harm us is a causeless violence. In the following cantos the poet tells us of the happy days spent by Sita and Rama round the *ashramas* and their arrival at Panchavati.

The poet rightly puts the following words in the mouth of Lopamudra- 'glitter is not gold, and gold is not life, and seeming is not being,' (P.215) as if she predicts Sita's

fascination for the false golden deer. The false golden deer is described as 'marvellous, a ravishing pied beauty' and it is no wonder Sita's heart has been bewitched by it.

The abduction of Sita is described as Ravana's 'tryst with Doom.' Sita reveals to Ravana that she is not isolable from Rama for she herself is he. The book closes with the canto in which Sabari enters the fire to leave her body of whom Rama says, 'a Bhakta greater than the God.'

Sita curses herself for doubting blameless Soumitri and for welcoming the deceitful anchorite, Ravana. She compares him to a 'goat tied to the sacrificial altar post awaiting its tryst with death', who comes to her with an indecent proposal of marrying her.

Life becomes for Sita a soulless routine under the Simsupa tree in the Asoka grove. Conversation with Trijata and Anala, who are introduced by the poet as the dauthers of Vibhishana, a votary of *dharma* by choice and discipline, is a rare break from her silence of isolation and is truly refreshing. She feels nostalgic, remembering the bygone days happily spent in Mithila and Ayodhya. She thinks of ending her life for a while but after a pause, determines to dare the devilish Ravana till he is finally destroyed.

Sita places a blade of grass- a potent barrier between Ravana and herself when she speaks to him. She warns him 'just as a gaunt tree is felled by the thunderbolt when the time comes such will be the defeat of Ravana.' (P.320) Trijata consoles her with explanation of a vision she just saw and says that fair times are ahead, and that Sita hears the sweet recital of Rama's story from Hanuman. But she fears that it is a mere hallucination, but Hanuman gives her some examples to win her trust.

The lines:

....'t is she and no other,

For there's no second Sita (*Sitayana*, P.334)

Remind us of the words of Swami Vivekananda:

There may have been several Ramas,

Perhaps, but never more than one Sita.

Overwhelmed by Hanuman's infallible integrity, Sita gives him her crest-jewel after receiving the Signet-ring sent by Raghava. After creating a havoc in the city Lanka and giving a warning to Ravana, Hanuman gives a solemn assurance to Sita that the immaculate Rama will come and destroy Ravana and redeem her, and begins his return flight.

Hanuman, the master of correct speech first proclaims, 'SAW SITA', ending all anxiety when he reports of his mission to Jambavan, Prince Angada and others. The poet rightly says that Hanuman is the mind and heart of the whole. In the meanwhile Vibhishana tries his best for unity and peace, and the return of Maithili to her lord, Rama, but all in vain.

The long awaited war begins and for sometime we observe the 'fortunes alternating' between the two groups. Ravana a veteran indeed, is described rightly as a 'sinner extraordinary', waiting for Rama's avenging stroke'. The canto namely 'Mandodari and Sulochana' is pathetic and moving; we see these two men saying just one little gesture i.e., the return of Sita changes the whole scenario from darkness to light. They feel that the royal brothers are governed by dharma's imperatives and not by thoughts of revenge.

Ravana becomes a pathetic prisoner in a self-made inferno. Kumbhakarna also meets his fate who himself says that he is a mere 'tamas'. He is compared to a Homo Leviathan by

the poet. The following cantos tell us about the fall of Indrajit, who says, like Satan in *Paradise Lost*,

What though so much is lost, All is not lost. (*Sitayana*, P.434) on the death of his uncle Kumbhakarna.

Trijata who sees with her visionary powers, the changing situation of woman who is adored as Shakti, Sundari, Grihalakshmi or Maha Saraswati is degraded to the state of property for sale, a ready cake to swallow and being imprisoned in a gold cage, pities the wronged and suffering woman.

Though he fights in a do or die manner, at last Ravana dies. (Of course, the long awaited scene.) The noise of battle rumbled no longer, Sita, now thinks of this peace which is lately won. She feels sorry for the fate of Mandodari, Sulochana and all other women in Lanka. The following stanza is worth quoting:

Her heart went out to the tens of thousands Of mothers, sisters, daughters, And most of all, the wretched wives now left, To stew in their mystery. (*Sitayana*, P.475)

The delay in her reunion with her lord, pains Maithili. Moments seem to crawl for her. The crowning piece of Sita's demeanour as a woman of spirit and dignity comes when, Rama sends for Sita, only to tell her that he has vindicated the honour of the Ikshavakus by killing Ravana and releasing Sita from captivity, and that he has no use for her as her chastity is suspected, in as much as she has lived for a year under the roof of a volatile profligate. He even suggests to her to find a protector in Bharata, Lakshma or any other. The words pierce Sita like poisoned darts. Her eyes flash fire as one who has known her intimately for long, indulges in this unwarranted charge, she can vindicate her chastity only by passing through the ordeal of fire. Agni, the witness to the wedding vows, now bears testimony to Sita's absolute fidelity to Rama in thought, word and deed. Sita takes the fire baptism and comes out from the effulgent flames, unscathed.

Before their journey through air to Ayodhya, Sita speaks to Mandodari, Sulochana and the daughters of Vibhishana, Trijata and Anala. Welcomed by Bharata, they step into the city of Ayodhya. As in the words of Kaikeyi, 'a nightmare has at last come to an end' (P. 517), and the coronation takes place. It is verily Life, a new life for Sita.

Sita shares all her experiences in the forest and in Lanka, with the queens Kausalya, Sumitra and Kaikeyi. She makes a round of visits to Ruma, Tara, Sarama and others who express their concern for Maithili and discuss the plight of woman, with her. In the cantos 'Rama Rajya' and 'Agastya Speaking' Rama asks many questions and Agastya by virtue of his great learning answers his queries. After listening to Agastya, Sita feels sorry for woman treated as a piece of property, a commodity, a trophy both in the hands of bad and good men.

In the last canto of the book, 'Sita's Stream of Consciousness', Sita finds herself lost in the nightmare net of the doings of the gods, demons and humans and she is at a loss to locate the norms of life (P.549).

The last book opens with the canto in which we see the couple Rama and Sita spending their time happily. We also learn that Sita becomes pregnant. Sita expresses her desire to revisit the ashramas and is granted her request by her lord. Exiled again by her lord

on hearing a malicious scandal, Sita finds herself in the forest. Seized by mere spasm of despair, Janaki trembles like a basil leaf. Valmiki the poet-anchorite consoles her by saying that human beings fall only to rise and 'Flux, not stasis is the law of life.'

Sita withdraws into her thought and glances at the panoramic progress of her life, -childhood, girlhood and all that. She gives birth to Kusa and Lava when it is close on to midnight. She feels the fulfillment. The boys are growing in the robust air of the forest. Sita feels nostalgic now and then. She thinks, 'be it *lila* or *yoga maya*, the divine play must go on.' (P.605)

After speaking to Narada, Valmiki thinks of writing, 'Concerning Rama, Ravan's end and Sita's glorified history', and he reads it chiefly as 'Sita's Saga Sublime.' In the Soul's Mystic Cave' Sita sits musing on the meaning of her life, and a clear perception of the human condition dawns upon her: While the fight against evil and the sons of darkness must always go on, 'We learn the wisdom of sufferance and the certainty of Grace.'

When Raghava performs the Aswamedha sacrifice, Valmiki reaches the Naimisa along with his disciples Kusa and Lava, where the boys recite the epic, Sita's Saga Sublime evening after evening; Rama suspects that the boys are none other than his own sons.

In the woods of Naimisa, Sita falls back into introspection and debates whether her life was a waste or a fulfillment. For everyone on this earth there is a hell within and a hell without. From the day of her wedded felicity in Ayodhya she picturises herself in the theatre of her mind as though a reel was moving on the celluloid. To her surprise, the fever and fret of the world do not seem to touch the ascetics and the *yogis*. Sita is also impressed by the galaxy of the *pativratas*, samples of pure femininity, sheer gold. Their equipoise, equanimity and quiet grace appear single and singular to her mind. The women in the forest, like the wives of the rishis, seem to be far from the madding crowd and ignoble strife of the city life. They do not seem to suffer or reel under the temptations and tensions of the city women. The silent strength of the sages is exemplary, and it, even to a woman like Sita, eluded explanation.

Sita is surprised that a man like Rama allows himself to be misguided by rumours. She wonders why Rama does not leave Ayodhya permanently if only to discover a meaning for their conjugal felicity. He could have simply installed one of his brothers on the throne. She checks herself and realizes that the mind rests on a razor's edge. There was no point in crying over spilt milk. A strong mind should not be fettered by the vagaries of time. The world is misguided by *Mahamaya* who the poet calls, 'the mother of illusion.' The life of one man or one woman is like a bubble while the history of the human race is like the eternal flow of the mighty ocean. She bemoans the cruelty of fate to which no one seems to be an exception.

The word 'woman' is spoken by the poet as being synonymous with suffering. The recital of the twins confirms Rama's opinion that they are his own sons. Presently a conference of great rishis and their wives as well as the people of Kosala is arranged. Sita was accompanied by Valmiki and the twin brothers Lava and Kusa. Valmiki addresses Rama and the audience and certifies Sita as the soul of purity. But the belated forgiveness of Rama does not seem to produce the desired effect on Sita. Sita returns to her mother, Earth. Rama

is struck dumb. Valmiki consoles Rama by saying, 'all of us are merely thorns in the hands of Destiny.' But life continues. The compassion of people like Sita fosters life on this earth.

The earth never tires or stales or despairs,

For the pulses of Sita's

Heart of compassion sustain and foster

Our evolving Life Divine. (*Sitayana*, P.657)

In the epilogue the poet compares the saga of Sita to the myth of Demeter, Persephone. The cycle of life, death and rebirth with its mysteries hinted at in the Greek myth seem to be demonstrated equally well or for that matter more magnificently in the character of Sita. Sita is the incarnation of the Mother Goddess who is the refuge of all and sundry, being the Primaeval Mother.

Like Sri Aurobindo whom he admired much, Prof. Iyengar deals with the symbolic significance of Sita's character rather than her mere physical presence. The travails of Sita in the human form are merely representative of the struggle of womanhood to direct humanity to fresh woods and pastures new.

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NON-TRADITIONAL SECURITY THREATS: INDIAN PERSPECTIVE

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"...the world is entering a new era in which the very concept of security will change – and change dramatically. Security will be interpreted as: security of people, not just territory. Security of individuals, not just nations. Security through development, not through arms. Security of all the people everywhere – in their homes, in their jobs, in their streets, in their communities, in their environment."

The world underwent seismic shifts in the 20th century in the form of two resource-draining world wars, the creation of a bipolar world order, numerous proxy wars, end of the Cold War and emergence of the US as the sole superpower. However, in the 21st century, the rise of non-state actors, impact of intra-state conflicts, degeneration of the environment, sweeping demographic changes and the rapidly burgeoning cyber-warfare arena have replaced inter-state wars as the main threats to a nation's security in the 21st century. After the end of the Cold War, human security was added to the security agenda. It included: (a) Environmental security (b) Economic security, and (c) Societal security. Threats to a nation were no longer only from the enemy's military. Non-Traditional Security (NTS) threats, also called non-military threats, began to be factored in. Among the well-known NTS are energy, food and water which are in a nexus. Other topics include climate change, environmental security, economic security, pandemics, social issues, etc. Traditional Security-Connected to military strength and protection from external threats like wars and attacks. Focus of security is on the 'state.'

Non-traditional- Human security, where focus of security shifts from state to the individuals. It is security in a broader sense, which recognizes other aspects of insecurity, like hunger, poverty, civil war etc. The concept was formalized in 2004 with the UNHDR, pioneered by Mahbub Ul Haq. The report listed 7 types of security. On the whole, there are two notions in human security- freedom from want and freedom from fear. The basic idea is that sources of insecurity are much broader than simply external war, especially in the 21st century. On the whole, it is a more human centric approach to security. Non-traditional security threats have a few common characteristics. They are generally non-military in nature, transnational in scope - neither totally domestic nor purely inter-state and are

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transmitted rapidly due to globalization and communication revolution. This implies that these non-traditional threats are much more intimidating than the traditional ones as they require the national leadership to look not only outwards to cultivate international cooperation, but also inwards, with an open outlook to execute internal socioeconomic and political reforms. This transnational threats are now increasingly discussed, not only in academic circles but also among policymakers in almost all parts of the world, clearly reflects the enormity of the significance of these issues in the contemporary world. However, military deterrence, diplomatic maneuverings and short-term political arrangements are rendered inadequate in addressing non traditional issues and would therefore require non-military means.

The traditional Security refers to the amalgamation of measures taken by states and international organizations, such as the United Nations, European Union, Association of Southeast Asian Nations, and others, to ensure mutual survival and safety. These measures include military action and diplomatic agreements such as treaties and conventions. International and national security is invariably linked. International security is national security or state security in the global arena.

The UN's Human Development Report (HDR) of 1994 – This report highlighted the need for a shift from the exclusive stress on territorial security to focusing on people's security, and instead of seeking security through armaments to gaining security through sustainable development. It identified seven security essentials. These are: (i) Economic security (ii) Food security (iii) Health security (iv) Environmental security (v) Personal security (vi) Community security, and (vii) Political security. This then spawned the view that the state was also responsible for these issues. The NTS are security challenges that are not considered mainstream. The methods and tools employed to address non-traditional security challenges are evolving. It includes unconventional thinking and it challenges orthodox understandings. The 21st century presents new paradigms to security. Politico-military threats have been joined by security issues relating to energy, water, food, environment, climate change, and so on.

"Non-traditional security issues are challenges to the survival and well-being of peoples and states that arise primarily out of non-military sources, such as climate change, resources scarcity, infectious diseases, natural disasters, irregular migration, food shortages, people smuggling, drug trafficking and transnational crime. These dangers are often transnational in scope, defying unilateral remedies and requiring comprehensive – political, economic, social - responses, as well as humanitarian use of military force. "Non-traditional security focuses on non-military threats with these common characteristics: The threats are transnational in nature with regards to their origins, conceptions and effects. They do not stem from competition between states or shifts in the balance of power, but are often defined political and socioeconomic Non-traditional security issues such as resource scarcity and irregular migration cause instability and hence become threats political Other threats like climate change are often caused by human-induced disturbances to the fragile balance of nature with dire consequences to both states and societies which are often difficult to reverse or repair. National solutions are often inadequate and would thus

essentially require regional and multilateral cooperation. The referent of security is no longer just the state (state sovereignty or territorial integrity), but also the people (survival, well-being, dignity) both at individual and societal levels." If this definition is accepted, that would tend to eliminate asymmetrical warfare between states as being relevant. Moreover, while the impacts of such threats may be keenly felt internally within a country, the causes tend to be to at least to some extent externally driven. This could also tend to eliminate from that definition internal uprisings, insurgencies, etc., at least to the extent they are not being externally driven by external forces. This also means that the issues or threats faced are a mix of those caused naturally, those caused by humans (i.e., anthropogenic), and those caused by a combination of the two.

At the same time, that would place most, if not all, military-related conflicts, including insurgencies; internally-driven, focused terrorism and crime; and warfare between states, even if by new or "non-traditional" means (e.g., space or cyberspace attacks) well within the definition of a traditional notion of security, at least by process of elimination.

Non-traditional security threats are:

- 1. Environmental degradation including climate security: One of the most critical issues concerning a nation's security in the 21st century is environmental degradation, and in particular, climate change and its impact. Rising population and burgeoning energy needs, especially in developed and developing countries, has led to the excessive depletion of natural resources, at a rate much faster than it can be replaced. Since the liberalization of the economy and impressive growth figures, India's development trajectory has had to contend with increasing environmental challenges. According to experts, the multitude of environmental challenges that India contends with include land and forest degradation, natural resources depletion, weakening resiliency of the ecosystem, and a steady depletion of environment which the country is blessed with. Of course this is a concern for the Central and State Governments, especially in light of the industrial and human activity that is seen as catalyst for current environment challenges. Hence, legislation and policies and initiatives to address environmental issues by the Central Government give confidence of the prioritisation of such serious issues. However, the long established legislations in India have provided a few remedies as advocates claim to a critical challenge. The World Bank stated "For an environmentally sustainable future, India needs to value its natural resources, and ecosystem service inform policy and decision making." to better
- 2. **Economic Security:** The Indian economy is steadily growing at an incredible pace with no major domestic or external imbalances apparent. But is it secure? The answer is not obvious, since economic security is a complex dynamic concept. In today's globalised world, it is best defined by the states ability to meet, on a sustained basis, the material aspirations of its citizens. This depends to a considerable extent on the states institutional capacity to cushion its people from domestic and global threats.

Seen thus, the country's economic security is related to every aspect of production, distribution and consumption of goods and services. Thus, the agenda for economic security includes almost every aspect of government and business policy. But in order to determine how secure the Indian economy is, I have narrowed the definition, in a paper I am preparing

for the new CII Council on Economic Security, to three concepts: resources security, institutional security and strategic security.

3. Resources Security: This encompasses two broad areas of natural resource security that includes efficient and sustainable access to water, energy and other natural resources; and human resource security that requires a workforce with adequate skills to ensure global competitiveness. India does not measure up too well on these counts. In spite of a large endowment of arable land, it has low agricultural productivity and it grew at a mere 7% annually over 1995 to 2004in comparison with other large emerging economies. The underlying reasons are poor rural infrastructure, neglect of the food-processing sector and policy inadequacies in the organized retail sector that make it difficult to optimize supply chains for agriculture products.

India has the lowest renewable water resources among major global economies. Industrial and urban demand for water is fortunately low by international norms, but demand might increase hugely, crowding out water for agriculture. Separately, India needs to prepare a plan for sustainable energy security, given its heavy dependence on imported oil & gas. India also loses about a quarter of the electricity it generates to transmission and distribution losses.

Like China, India is well placed in terms of human resource endowment. India can compete with other developing countries in labour intensive sectors and with OECD economies in knowledge intensive sectors. But larger social investment is essential to sustain this edge. About 340 million Indians below 15 years of age will require education, health and nutrition. But India is clearly lagging behind the rest of the world in human capital investments. This could have an adverse impact on overall competitiveness.

Institutional security: this refers to governance. An economy with high transaction costs is neither efficient nor competitive. This may not just be a production issue, but a distributional issue as well. India's record of policy interventions in poverty reduction and social development is unimpressive. Doing business in India is still not smooth. India fares poorly on simple indicators such as cargo dwell time, days to enforce a contract or register a property, and power and transport costs.

4. Strategic security: This relates to economic diplomacy, police, intelligence and military aspects of economic security. India scores well on economic diplomacy, the Indo-US nuclear deal being a shining example. It encompasses energy security and a strategic partnership with the US that could change the global dynamics of the 21st century.

India also needs to maintain its defence expenditure to safeguard its citizens from internal and external threats. As I have indicated in another paper, fast growth is enough to generate the funds needed to meet geostrategic objectives.

It is unfortunate, however, that we don't have a vibrant economic security debate in India right now. The country needs an aggregate index of economic security that includes the issues highlighted here. A broad based economic security council should be created to monitor the progress of this economic security index. A nation of one billion plus people cannot afford to let its guard down on economic security.

5. Health Security: Health Security encompasses a provision of health services and education and protection of public health from exposure that may leads to harm.

Though India has made strides in addressing lingering health burdens, still as with other developing countries, faes the task of eradicating infectious diseases, emerging non-infectious occupational lifestyle diseases and emerging infectious diseases (EID).

Thus there are numerous challenges that impede India's public health system, challenges that operate in a context of globalization and development. Consequently, the Central Government through the Ministry of Health and Family Welfare is aware of the persistent public challenges in India, and seeks reforms and interventions to make improvements where possible. Chile, a country upon first impressions would not conjure any similarities with India, but like India currently stubborn public health care challenges, Chile too faced public health care challenges. Such challenges in Chile were aggravated by a failing public health system, high income disparity amongst citizens which affected access to health and numerous ailments that affected human security of citizens and many livelihoods. Through policy choices, reforms and interventions Chile has performed exceptionally well in health care indicators, the UN's Human Development Index (HDI) hence the so called 'Chilean Model' for public health has garnered plenty attention not only in the region of Latin America but in other developing economies.

- 6. Trans-national crimes, human trafficking and drugs: Transnational organized crime networks are especially a potent threat to a state's national security because of a number of reasons. The World Bank (2013) defines an organized crime network as one that uses force and coercion for pursuit of wealth by criminal means. Thus, going by this definition, international drug cartels, arms smuggling groups and maritime piracy networks can be classified as some of the major organized crime networks. Drug cartels have especially gained importance in the last few decades because of their greater access to resources (both financial and organizational) and use of sophisticated technological advancements in order to improve their risk management strategies and thus evade capture by the state security agencies. Organized crime networks usually mushroom and thrive in "weak" or "failed" states (mostly underdeveloped and developing countries), which are characterized by ineffective government control, poor law and order control situation, weak regulatory framework for protecting business activities and a corrupt judiciary.
- 7. Food Security: Food security emerged as a critical issue at the World Food Summit of 1996, convened by the Food and Agriculture Organization of the United Nations (FOA). The outcomes of the summit were the Rome Declaration on World Food Security and the World Food Summit Plan of Action. In the Rome Declaration, signed by all member states of the UN, decreed that food security is "when all people, at all times, have physical and economic access to sufficient, safe and nutritious food to meet their dietary needs and food preferences for an active and health life". To tackle food security, signatories of the Rome Declaration agreed to target food security by ensuring sufficient quantities of food, access to provide and appropriate use of food. India, as with other members of the agreed to ensured food and nutritional concerns of all citizens would be met. Therefore, what are current challenges that stifle food security in India and how can they be best addressed according to best practices and innovations adopted in other countries. The National Food Security Bill 2013, proposed to counter disparities in access to food and aims to decrease persistent malnutrition experienced by low-income communities in India. The Bill itself is

perceived as noble and revealing of how the Government of India perceives the challenges to food security and strategies the government aims to utilize in addressing food security. However, at the opposite end of the spectrum many critics advocate for a far more advanced agenda that includes paying attention to more responsive policy mechanisms, power supply issues and rural development in order to truly harness a proactive food security agenda.

8. Disaster management: Disaster management encompasses several features in addressing manmade and natural disasters. The features that form current practices in disaster management are prevention, mitigation, readiness, responsiveness and recovery. Global warming, industrial activities and trans-border activities are said to exacerbate disasters that have been experienced and witnessed in the past few years. No country is safe from disaster and therefore disaster management should be prioritized by national governments. In this regard, the creation of the National Disaster Management Authority (NDMA) and the State Disaster Management Authorities (SDMAs) show the priority which the Central Government gives to disaster management in India. These two government bodies have been functioning since the enactment of the Disaster Management Act in 2005, however both have been under increasing scrutiny and criticism stemming from perceived failures to inadequate planning, lack of a coherent policy, inefficient coordination and general inactiveness or responsiveness. Literature and experts suggest that disaster management rests on a successful National Emergency Model, which entails many components. First, in pursuing a national emergency model, countries should relies that disaster management is not an isolated affair and instead should be considered a collaborative matter involving various state authorities such as ministry of health, public safety, meteorological agency, citizens and other stakeholders from the CSOs sector to the private sector. As a collaborative affair it is vital that all stakeholders should have access to information on risk factors that influence possible disasters, this should also be complimented by a collaborative network based on multiagency collaborations that values leadership, goal setting, performance evaluation and lesson learning. Evidently, according to critique of the current status of the NDMA none of these factors are present, instead there seems to be a lack of communication between the NDMA and state governments on sharing a common vision of disaster management, this was reiterated in a scathing critique of the agency published by Business Standards. Therefore, a platform for open dialogue on disasters management should be initiated that engages state governments, the general public and other interested parties. Such a platform should occur at close intervals in order to stimulate interest and discussion, transfer ideas and knowledge and review persistent issues and progress. Secondly, a successful National Emergency Model relies on well informed and trained staff. According to numerous newspaper reports, the NDMA possesses neither, so therefore critical training and capacity building within the NDMA is a necessity, and the organisational line National Disaster Response Force (NDRF) should enforce a chain of command, with clearly defined leadership role within the ranks and effective communication. Such an organisational structure would allow for greater accountability in the instance of when action taken during an emergency situation need to be accounted for. Lastly, in order for a National Emergency Model to succeed, technology must play a crucial role. Technological resources can be allocated in prevention measures, response and recovery activities. Reports of the NDRF response to the floods in Uttarakhand

reveal lacked basic equipment for response situation during a disaster. Thus it is apparent should acquire the most appropriate equipment and the appropriate quantity stipulated by international norms during relief efforts, strengthened by capabilities to use technical tools. From what can be gathered the NDMA lacks an efficient National Emergency Model, applying key features of such a model to current NDMA functions and policies would not only improve the agency but also restore public faith in India's Disaster management capabilities.

9. Terrorism: Terrorism and insurgency have emerged as the most widely recognizable and visible threats to a nation's security, especially after the 9/11 attacks. Hoffman (2013) defines terrorism as the "deliberate creation and exploitation of fear through violence or threat of violence in pursuit of political change". Although terrorist and insurgency groups are similar to organized crime networks in their use (or threat of use) of force to achieve their stated objectives, the most important and fundamental difference is in their objectives: while drug cartels and arms smuggling networks primarily operate to increase their wealth, terrorist and insurgency networks always have a political goal. Moreover, insurgency groups differ from terrorist groups in their quest for self-determination and hold over territory, usually fighting the established local government or foreign power, who they perceive to be illegitimate occupying forces. Also, organized crime networks manipulate state machinery to ensure that their businesses flourish, while terrorist groups target the civilian population in order to seek attention to their political demands. The one commonality between transnational organized crime networks and terrorist groups that is also the major source of security threat to a state that harbors such groups is that both are nonstate actors, and like the former, terrorist groups do not recognize the concept of state boundaries, sovereignty or international norms and regulations on the use of force. As a result, civilians, diplomats and media persons are routinely targeted by terrorist groups.

10. Corruption: Corruption is also a big threat to national security. When we say that security and development are synonyms of each other corruption appears as biggest obstacle in the way to development. Families who are already disadvantaged on account of poverty and illiteracy are further exploited and denied amenities. Independent studies have shown that the incidence of corruption is the highest when it comes to interactions with the local police, allocation of housing and in the maintenance of land records and registrations and in courts also as it involves so many people and is not a one-man system. Corruption hinders stability in post-conflict states and undermines peace worldwide.

Conclusion: In essence NON-TRADITIONAL SECURITY IS an ecology comprising of several facets that operates in a rapidly changing world. All facets of this ecology, whether it be food security or water challenges are all intrinsically interconnected as they do not occur in isolation and deficits in one facet manifest themselves in another. India is not alone, in facing challenges that fall under Non-Traditional Security and as evidence demonstrates some countries are making immense progress in tackling Non-Traditional Security challenges. Thus in an increasingly interconnected world, success in curbing challenges that present a threat to human security and dignity, there are valuable lessons to be learnt. Although India has produced many interventions and policies, the gaps in current approaches may perhaps be diminished from learning and possibly implementing approaches

that have proved to be successful in other developing countries and developed nations. Evidently successful interventions that have been introduced to curb Non-Traditional security concerns, share certain features. Features include, responsive government institutions, innovative and effective institutional mechanisms, coherent policies based on achievable goals, incremental reforms, and a variety of incentives, technological innovations, effective monitoring and continuous capacity building. Of course, some policies and reforms may be perceived as too lofty to achieve or even strive towards. However given the gallant efforts that India has made in its development trajectory, it is possible to enhance gains made in human development and achieve the vision of inclusive development in India. Thus to conclude, the onus is on all responsible stakeholders of India's development to learn from successful interventions and to apply concentrated effort for their success to be actualized in India.

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FOOD SECURITY IN INDIA

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Food Act to ensure dignifies economic and social access to adequate food and requirements of good nutrition for all residents of the country at all times in pursuance of their fundamental right to be free from hunger, malnutrition and other deprivations associated with the lack of food. (p 5 of 'Food Entitlements Act 2009 of Right to Food Campaign')

The general view is that at the very least the RTF Act has to build on four major types of interventions: (i) nutritions scheme for children; (ii) the PDS (iii) social assistance for vulnerable groups (e.g., pensions, Antyodaya Anna Yojana); and (iv) other interventions (Khera:2009). Our View is that the present National Food Security Act proposed by the government is a narrow one.

The alternative draft "Food Entitlements Act 2009" prepared by the Right to Food Campaign needs to be discussed and the government needs to consider the comprehensive nature of the food insecurity and malnutrition problems in the country.

Food availability is a necessary condition for food security. India is more or less self sufficient in cereals but deficit in pulsed and oilseeds. Due to changes in consumption patterns demand for fruits vegetable, dairy meat, poultry and fisheries has been increasing.

There is need to increase crop diversification and improve allied activities. It may be noted that the slowdown in agriculture could be attributed to structural factors on the supply side such as public investment credit technology land and water managements etc. rather than globalization and trade reforms per se. Access to food can be increased through employment due to growth in labour intensive sectors and/or through social protection programmes. The malnutrition protein is much broader than that of access to food.

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H.S.A.B. PRINCIPLE AND SOFTNESS PARAMETER IN VARIOUS STRUCTURAL CHEMICAL ASPECTS

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Abstract

H.S.A.B. Principle suggests that hard acids react with hard base and soft acid reacts with soft base. Stability constant and other properties do contribute towards chemical interactions. But the main contribution is from hard and soft nature of Lewis acids and bases. The hard - hard and soft-soft interaction did explain a wide range of chemical phenomena¹⁻⁷ but on account of its purely qualitative nature the principle was criticized and several workers either made attempts to give quantitative explanation of the principle or suggested new approaches to explain the stability of the compound.

Introduction

H.S.A.B. principle was introduced by Pearson⁸ in 1963. In which he explained that hard acid prefer to bind with hard bases and soft acids to soft bases. "It has been the efforts of several workers to find out the suitable parameters by which the stability of compound formed by an acid and a base or in other words between metal ion and ligand can be explained. To explain the stability a general term 'A' and 'B' have been used to represent an acid and a base respectively A-B has been used to represent a compound formed by them. The first equation to explain the stability of compound A - B was given by -

$$Log K = S_A . S_B \tag{1}$$

Where S_A and S_B are the strength factor of A and B respectively.

Usually the above equation was not adequate and it was replaced with a more complex equation involving two new parameters. This equation was represented by –

$$Log K = S_A \cdot S_B + \sigma_A \cdot \sigma_B \qquad (2)$$

Where σ_A and σ_B are the parameters for each A and B which measure some different characteristics form that of strength. These parameters were later termed as softness parameters by Pearson. σ_B is large for bases that are easily oxidized. such as I^- ion are small or negative for bases that are hard to oxidise. We can also see that σ_A is large for Lewis acids of large size, low positive charge and containing unshared electrons in p or d orbital's in the Valence– shell, such as Ag^+ . Also σ_A is small for Lewis acids of the opposite characteristics, such as Mg^{2+}

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Methodology

Misono et.al⁹ proposed the following equation. For determining the values of hardness and softness.

$$Y=10^{(In/In+1)}$$
 ri/ \sqrt{n} and
$$(10X)^{1/2}=Xi=X^0_M+(\Sigma In)^{1/2}~(~3~)$$

Where ri = ionic radius of the metal ion and n is the formal change.

 $X_{\rm i}$ and $X_{\rm m}$ are the electronegativities of the metal ion and neutral metal atom.

The dual parameters scale based on X and Y. 'X' is closely related to hardness or electronegativity and 'Y' to softness. With these parameter the log of stability constants of metal ion complexes are expressed well for hard-hard complexes and to a lesser extent for soft-soft complexes by the equation.

$$\log K = \alpha X + \beta Y + Y --- (4)$$

Where α and β are the basicity parameters of a ligand corresponding to X and Y respectively and Y is a constant determined for each ligand. Drago¹⁰ also developed an equation for enthalpy of adduct formation for neutral molecules.

$$\Delta H = E_A . E_B + C_A . C_B \qquad (5)$$

 E_A and E_B are the parameters which relate to tendencies undergo electrostatic bonding for acids and bases. C_A and C_B are the parameters which relate to the tendencies to undergo covalent bonding for acids and bases.

The above equation did not hold good for ionic interaction and ultimately Drago. et.al. developed another equation for ionic interaction.¹¹

$$H = (D_A - D_B)^2 + (O_A - O_B)^{\frac{1}{2}} \quad (6)$$

Where O and D are off diagonal terms in Hamiltonian Matrix formed by Molecular Orbital treatment.

Result and Discussion

The overall attempt of these workers was to solve the problem concerning stability, type of reaction and nature of reaction between two class of compounds. Basically various authors¹² have claimed that the idea of intrinsically strong acids and bases is missing from the H.S.A.B. principle result Klopman¹³ made a significant attempt and calculated the softness values of a number of acid and base ions. His calculation was based upon the perturbation theory of charge controlled and frontier controlled reactions. He divided the reaction into two types – (a) charge controlled and (b) frontier controlled. The charge controlled reaction was used to explain the ionic interaction and frontier controlled reaction to explain the covalent interaction. The softness values of acid and base ions of both the type of interactions and that of intermediate reaction were calculated by solving the Klopman equation.

Klopman divided various acid and base ions, according to their numerical values into hard, soft, and border line. A hard base is characterized by low value for the energy of the occupied frontier orbital and soft base by a higher value. A hard acid on contrary is characterized by a higher value for the energy of empty frontier orbital. The sequence of

softness of acids and bases suggested by Pearson on qualitative basis and the sequence obtained by Klopman were mostly found to be the same.

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Hkijr ealkine mi; kox oxhidj.k izkkyh %, d iqujkoykodu

MWW jkfeUr iVsy*

fall h ekua lempk; as I kekftd&vkfFkid foakl ak i frfcEcu ogk; as Hkkie mi; kox i fr: i I s gkrk g\$ fo eku Hkkie mi; kox u fl QZ i nortiz i h<h ds eN; ko&ekU; rkvko y{; ko, oa l gh vFkok xyr ojh; rkvko, oa uhfr; ko ak i fjpk; a gkrk g\$ vfirqml ah fo eku n"kk, i, oa i nofik; ki foakl as Hkkoh Lo: lk, oa vfHkof) ah I Hkkoukvko rFkk I hekvko ak Hkh I odr nrh g\$ vr%fal h {ks= as xkeh.k foakl I EcU/kh v/; ; u eo ogk; as Hkkie mi; kox i fr: i , oa ml ah i fjoriu khy i nofkr; ko ak fo ysk.k vR; Ur I ehphu g\$ Vflog] txnh ki 1997]i 0 02% ck; V as vun kj], a foakl & i Fk fo ksk aks v{kq.k cuk; s j [kus grq t bo&Hkkora lk; koj.k ah {kerk ek= akstoakl ak i bekuk ekuus ah ckr i jikuh i M+ poph g\$ full ong t bo&Hkkora lk; koj.k foakl ak vk/kkj g\$ i jUrq bl as I kolafra , oa vkfFkid vk; ke Hkh ae egRoi wki ugho g\$ vlrq fVakå; k i ksk.kh; Hkhie mi; kox ak, a i k: lkj tks fal h {ks= ; k I enpk; fo ksk grq mi; pr g\$ vfuok; i kv vl; {ks=ko as fy; s Hkh mi; pr ugho gks I ark g\$ vr% {ks= fo ksk as foakl as fy, rnun i Hkhie mi; kox i k: i ak gkuk vi fjgk; I g\$.

ik—frd lalk/kukaeahkkie vfr egRoiwki, oaikFkfed lalk/ku galekuo dsili; d fØ; k&dyki, oamldh enytkur vkj ikFkfed vko"; drkvkadh ifiriili; {k; k vili; {k: lk lsblh lalk/ku lsgkrh galeut; dh vl; cgrlh vl; vko"; drk, j hkh blh lsinjh gkrh galvk[kk/h; 0; olFkk dsmijklr ekuo l H; rk dsfodkl dsifke lkiku lsydj orëku rd vudkud ofkktud miyfc/k; ka, oarduhdh lfo/kkvkalsleilu ekuo l H; rk dseny ealkhie dk egRoiwki lFkku jgk galekuo ikdfrd, oalkadfrd ifjosk lslkeatl; lFkkfir djrsgq hkhie lalk/ku dk vf/kdkf/kd mi; kx djusdk iz kl djrk gal; gh dkj.k gsfd fdlh lFkku fo"ksk dshkhie mi; kx dh volfkk, j ml {ks= dh rkkdkfyd lkekftd] vkffkid, oalka—frd 0; olfkk dh | krd gkrh galhkhie mi; kx, d xR; kRed rRogs tkshkksrd n"kkvkaeaifjoriu rFkk ekuo dslkekftd&vkffkid fodkl] ofkkfud, oarduhdh ixfr dsvuq lk ifjofrir] ifj"—r, oaifjekftir gkrk jgrk gal; gh dkj.k gsfd fdlh hkh {ks= dk hkhie mi; kx ml {ks= eafuokl djusokysekuo lenk; dh cks} d {kerk rFkk vkffkid&lkekftd, oajktuhfrd fodkl lrj dslkfk gh ml {ks= fo"ksk ea0; klr hkksrd okrkoj.k dh fo"kskrkvkadk lnod hkh gkrk gs%oek], l0,l0] 1997] i0 24&32%A

Hkhie mi; ks dk Lo: lk ekuo I H; rk ds fodkl vkj ekuo dh vko"; drk ds vuh kj ifjofril ifj'dir ,oaifjekftir gkrk jgk gå ; g ifjoriu —f"k fodkl vkj mldh volFkkvkads: lk eaifjyf{kr gxyk g\$ vkj gxkA —f"k dk; I dh fofo/krk ,oafof"k'Vrk Hkhie mi; kx dsml fodkl dk; I, oaØe dks0; Dr djrh gj tks0; fDr ds thou; kiu dh vko"; drkvkals ydj mlds vkfFkd] I ka—frd ,oalkekftd fodkl dksiwkir; kikkfor fd; sgq gå Hkkjr tjs—f"k i/kku nsk ds tu&thou eaHkhie mi; kx dk el[; vFkZ—f"k dk; I lsgj tks xkeh.k {k= dsl fodkl dh dath gå ekuo lkFoh ij viuh mRifùk dsl kFk vius thou&vk/kkj] fuogu ,oalFkkf; Ro dsfy; s Hkhie ij gh fuHkj gå ekuo }kjk Hkhie lå k/ku dsl keatl; iwkZo l fopkfjr mi; kx ij gh ekuo ,oaml dsl ekt dh [kfkgkyh fuHkj gå tcfd i tv dh Hkh[k fuf"pr rkj ij ekuo lekt dsfy; s ,d puksh gå bl hfy; s lå k/kukads mfpr nkgu dsfy; s Hkhie dsorèku mi; kx dk vkdyu djuk vko"; d gkrk gåGiri, H.H., 1976, p.IX)A

*I gk; d vkpk;]! Hwcksy foHkx], y0ch0, I 0 ih0th0 dkyst] xksMk]m0i0

vk/kfjud ofkkfud , oarduhdh ; qk eal Hkh miyC/k lålk/kukads vuqdnyre mi; kx dks/; ku eaj [krs gq Irr uohu rduhdh Kku , oalalekadk vuqlakku , oafodkl fd; k tk jgk gål Hkne mi; kx Hkh bl ofkkfud ; qk dh miyfC/k; kalsiwkir; k iHkkfor gål cfutt/h (1972, pp. 1105-1106) ds vuql kj 'Hkne mi; kx' ik—frd rFkk lkl—frd miknkukadslakx dk ifrQy gål to rd fdlh {ks= fo″ksk eaHkne mi; kx iz—fr inùk fo″kskrkvkads vuqlk jgrk gål vFkkir ekuoh; fØ; k&dyki ik—frd dkjdka}kjk fu/kktjr gkrs gål ro rd Hkne dk vkfFkid egRo de , oa ekuo dk thou Lrj fuEu gkrk gål dkyØe eato Hkne mi; kx ik: lk ds fu/kkj.k eaekuoh; Hknedk fu.kki, d gks tkrh gå, oa Hkne mi; kx eavkfFkid lålk/kukadk fofu; kstu vf/kd gksus yxrk gål ro ml voLFkk eaHkne dh lålk/kurk eaof) gkstkrh gåvkå ekuo thou dk vkfFkid Lrj vi{kk—r mPp gkstkrk gål

Hkhie mi; ks dksilkkfor djusokysik—frd rFkk ekuoh; lk; kbj.k dsleflor ilkko dksvæhdkj djrsgq vuqpu (Anuchin, V.A., pp. 52-54) us **1 kekftd&Hk&ksyd okrkoj.k*** "kCnkoyh dk i; ks fd; k g\$\text{\$\text{lkhie}\$ mi; ks dksilkkfor djusokys dkjdka ea Hkkfrd dkjd t\$\text{\$\text{kmPpkop}}\$ /kjkryh; cukoV] tyok; \(\begin{align*} \text{feVV} \text{h vkfn dk i k}; \(\begin{align*} \text{kikhie} \text{ ilkkfor Hkhie ij eut}; \text{viuh vko"; drkvka ds vuq lk fof"k"V ikfof/kdh; Kkukhiuohu vuq ll/kkukhiofkfud midj.kkavkfn }kjk l klu—frd Hkhien"; koyh dk fodkl djrk g\$\text{\$\text{V}\$\$ ml sifj"kkf/kr , oaifjekft/r djrk g\$\text{

Hkhie mi; ks dh xR; kRedrk cktkjh; vFkv20; oLFkk Is funkt"kr gksch g\$\ oklro ea vkfFkv2 "kfDr; ka t\$\ s ekx vk\ j inr/ds vUrl EcU/kka ds I UnHk/ea Lor% nul jh oLrq; I kekU; Hkhie mi; ks dsfy; sdkjd: Ik ea ifrf"Br gks tkrh g\$\ ik; % I Hkh I &LFkkxr dkjd& I &L—fr] jhfr&fjokt] I kekftd I øpuk] euksv\ Khfud , oa vkn"kvtU; o\pokfjd Hkkouk] I kehigd fØ; k&dyki , oa Hkhie LokfeRo ik: Ik] Hkhie mi; ks dks, d fo"ksk I hek rd i Hkkfor djrsg\ bI ds vfrfjDr vkfFkvd mi; ks ea Hkhie I & k/ku dh mi yC/krk] ogk; ds or\ ku i kfof/kdh; fodkI Lrj dk i fjpk; d g\ tks oklro ea ekx vk\ j vki\ hr/d ds rhore i Hkko dk | ksrd Hkhie mi; ks ea Hkk\ srd rFkk t\ sod < kps \ kjk e([kfjr gkrk g\)

{ks= fo"ksk earHknie mi; ksx dh xgurk vkj mleardkfyd ifjorlu ds fo"ysk.k }kjk mlds foxr ,oa orleku fodkl Lrj dk Kku gksldrk gj\lkfk gh Hkkoh fodkl leHkkoukvkadk vkdyu fd; k tk ldrk gj\lkfk ppid Hknie dh intrlyxHkx fuf"pr gsrfkk Hknie ij tula; k dk Hkkj fnu&ifrfnu c<fk tk jgk gj\vr% blds foodiwklrfkk vHkh"V mi; ksx dh vko"; drk gj\lkfie lalk/ku mi; ksx Hknie lel; k ,oa; kstuk lecu/kh foopuk dh /knjh gj\lalkfie ds lnni; ksx ,oa nn lk; ksx ds en/; kndu rfkk mlds vk/kkj ij vkn"kl Hknie mi; ksx ds fueklk gsrq; g vko"; d gsfd fofHklu {ks=kaeaftl <ax ls fofHklu mnns"; kadh intrlds fy; s Hknie dk mi; ksx fd; k tk jgk gj\mldh 0; k[; k o leh{kk dh tk, A

fdlh Hkh {ks= ea Hkhie mi; ksx loxkådslakstu lsifjlhfer Hkhie mi; ksx insk u flQlml {ks= fo"ksk fd Hkhie mi; ksx dslo: i ,oapfj= dk mn?kkfVr djrsgåjoju ml {ks= dsHkhie mi; ksx dsHkkoh fu; kstu dsfy, Hkh ,dlEHkkfor iqV vk/kkj inku djrsgå Hkhie mi; ksx loxkådsdksVØe fu/kkjj.k lsfdlh Hkh {ks= dsHkhie mi; ksx dsforj.k ifr: i dksrqyukRed ifjiq; ealjyrk lstkuk tk ldrk gå Hkhie mi; ksx {ks=&rhork ,oafolrkj] Hkhie mi; ksx ekufp=.k] ½u½vekaeksuksxkQ½ jk′Vh; ,Vyl ,oaffkesVd ekufp=.k laxBu] dydRrk½ v0; ofLFkr o vfu; a=r fodkl dh n"kk eafo|eku Hkhie mi; ksx vkj mleagksusokysifjoriu dh tkudkjh vfr vko"; dgs (Yadav, Hlal, 1991, P45)

I kekl); Hkkie mi; kox ds v/; ; u dk eq[; mnns"; fdlh {ks= fo"ksk ds fuokfl; ka}kjk miyC/k Hkkie ds mi; kox vFkok nq lk; kox dk Kku iklr djuk gkrk gå Hkfo"; dh fdlh Hkh vk; kstuk ds fy; s {ks= fo"ksk ds Hkkie mi; kox dk v/; ; u vko"; d gkrk gå bl rjg ds v/; ; u dk mnns"; fl QZ mu {ks=kard gh I hfer ughagå tgk; Hkkie dk I dkjkRed mi; kox gksjgk gå cfYd bl ea mu {ks=kadk Hkh vkdyu vko"; d gå ftudk udkjkRed; k vukjiknd mi; kox gksjgk gå vFkok tks vKkr; k mif{kr gå

Hkhie mi; kox dk orżeku ifr: lk] vkt dh fLFkfr ea {ks= dh vko"; drkvka dh i firz djus ea l {ke gks ; k u gk} i j llrq {ks= dh okLrfod Hkhie mi; kox {kerk dk v/; ; u Hkfo"; dh vk; kstuk ds fy; s cgr egRoi wkł gß fcuk orżeku Hkhie mi; kox dh tkudkjh ds fdlh {ks= dk fu; kstu i axqgks tkrk gß Hkhie mi; kox i fr: i dk Kku ml {ks= ds fu; kstu dh i nokli {kk gkrk gß {ks= ds fy, fodkl dh; kstuk cukus ds i noż {ks= ds orżeku Hkhie mi; kox dk folrr fujh{k.k djus ds fy; s Hkhie dk fofo/k mi; koxka ds vk/kkj ij oxhłdj.k vko"; d gß Hkhie mi; kox ds oxłdj.k }kjk orżeku Hkhie ds mi; kox dks l e>k tk l drk gß Hkhie mi; kox oxhłdj.k l s Hkhie ds orżeku mi; kox ds

fofHkUu ?kVdk@oxkiidk fo"y\$k.k dj Hkfo"; dsfy;svHkt"V Hkfie mi;kx vk;kstuk dk fue1k.k l kFkid gks l drk g& —f"k Hknie Ialk/ku enaxqkkRed Ia(kkj Ifgrou Hknie dks Iajf{krj[kuk, oackxkn) mioukn) >kfM+kn ∨kfn ds Iekiu dks jkodk tk I drk q& oxhòdj.k }kjk Hklie ds I nij; kx dks c<kus rFkk nij lk; kx dks jkodus ea enn feyrh q& vi?kfVr Hkfie dk | Ec/ku dj mlsmRiknd cuk; k tk | drk q\$\alpha catj | Hkfie dks | f(kkj , oa | Eof) ir dj —f'kxr Hknie eaijf.kr fd;k tk I drk qA c<fh tula[;k dsfy;s vf/kokl] m|kx ,oa;krk;kr ekxkadsfuek2k dsfy;s v—"; Hkhie dsmi; kox dksikil kfgr fd; k tk l drk qå Hkhie mi; kox dsvud oxkil sorèku Hkhie mi; kox ifr: lk dk v/; ; u dj Hkfo"; dsfy; svikj l EHkkouk, i ryk"kh tk l drh q**8**. Hkfie oxhidj.k l s; q Kkr qkstkrk q\$fd dkû Ih vkî fdruh Hkne fdI mi; kx ea yk; h tk jgh gå mlds Inni; kx vkî n#i; kx dk Kku gks tkrk gå tula[;k of)] vkS|kxhdj.k] uxjhdj.k ds dkj.k fofHkUu {ks=ka ea Hknie dk mi;kx vlanfyr qks x;k q& Hknie mi; ksk dh vKkurk ds dkj.k Hkhie dk n#i; ksk c<+jqk qB Hkhie mi; ksk dh dijkyrk vk\$ vdijkyrk ij qh fodkl vk\$ fouk"k nkuks | EHko q\$\alpha , \d k fo"ok| fd; k tkrk q\$fd fo"o dh cqr de Hkfe , \d h q\$ tks | Hkh mi; kxks ds fy, lokkre gkA blhizkj, th Hkne Hkh cgnr de gSftldk dkbZmi; kx u gksldA rkRi; 1; g fd ,th cgnr Hkhie g) ftldk lHkh dk;kidsfy, ughaoju fHkUu fHkUu dk;kidsfy, mi;kx gksldrk gA vFkD;oLFkk ds I oktre i Hkkoka dsfy, {ke= eafo | eku Hktie dh miyC/k {kerk dk vf/kdre mi; kstu rFkk fofo/k mi; kskaeabl dk oKkfud, oalarfyr vkcNu (k⊊h; fodkl fu;kstu dhegrh vko"; drk g\$\ bl vko"; drk dhifir? Hkfie mi;ksk oxhidj.k dsfcuk uqhaqks I drhA fdIh Hkh {ks= ea Hkhie mi; ksx I aoxkā ds I a kstu I sifjI hfer Hkhie mi; ksx i nšk u fl Qzml {ks= fo"ksk ds Hktie mi; kx ds Lo: i , oapfj = dks qh mn?kktVr djrk qSoju ml {ks= ds Hktie mi; kx ds Hkkoh fu; kstu dsfy, , d I EHkkfor i (V vk/kkj i nku djrs g&

follh {ks= earekuo lempk; dh [kk| vko'; drkvka ds vfrfjDr vkokl] ifjogu] m|ks] eukjatu vkfn vko'; drkvka dh i fir7 Hkfie ds mi;ks }kjk gh gkrh g\$\land rk\text{Ri;7;g g\$ fd fdlh {ks= fo'k\$k earmiy\$/k Hkfie dk fofo/k dk; ka earmi;ks gkrk g\$\land bl mi;ks dh nf"V ls to Hkfie dks ox\text{enr djrs g\$\land rks mls Hkfie mi;ks ox\text{fdj.k dgrs g\$\land tks fofo/k ikdfrd o ekuoh; dkjdka ds lke\text{Pkf; d i Hkfie dk i frQy gkrk g\$\land Li"V g\$ fd ftrus dk; ka ea Hkfie dk mi;ks gkskl Hkfie mi;ks ds mrus gh ox2 gkska p\text{fid Hkfie ij fd;s tkus okys dk;ka earcgsyrk] fofo/krk, oa tfVyrk gkrh g\$\land bl fy;s l (fe Lrj ij Hkfie mi;ks ox\text{hdj.k ealeoxka dh l poh cgr yEch gks tkrh g\$\land s l (fe oxka dk ox\text{td} ox\text{kd ox\text{fdj.k} ox\text{kd ox\text{hdj.k} dh l kky/s} dk) oxka dks mi;ks dh le: irk ds vk/kkj ij ,d earfeykdj l kekU;hdj.k fd;k tkrk g\$\text{ftls looxka dh l {};k de gks tkrh g\$\land Hkfie mi;ks dk;g l kekU;h—r ox\text{hdj.k gh] l kekU; Hkfie mi;ks ox\text{hdj.k dgykrk g\$\land s}\text{l kfie mi;ks dk; g l kekU;h—r ox\text{hdj.k gh] l kekU; Hkfie mi;ks ox\text{hdj.k dgykrk g\$\land s}\text{l kfie mi;ks dk; g l kekU;h—r ox\text{hdj.k gh] l kekU; Hkfie mi;ks ox\text{hdj.k dgykrk g\$\land s}\text{l kfie mi;ks dk; g l kekU;h—r ox\text{hdj.k gh] l kekU; Hkfie mi;ks ox\text{hdj.k dgykrk g\$\land s}\text{l kfie mi;ks ox\text{hdj.k dgykrk g\$\land s}\text{l kfie mi;ks dk l kgykrk g\$\land s}\text{l kfie mi;k

Holden i; kox oxhidj.k izkkyh & nsk ea Hkhie mi; kox dh dkbl, d ekud oxhidj.k izkkyh fodfl r ughagksik; h gål jk"Vh; , Vyl , oa ffkefVd ekufp=.k laxBu (NATMO) vf[ky Hkkjrh; enk , oa Hku&mi; kox lokjk.k foHkkx] vkffkid vkj lka[; dh funskky;] —f"k foHkx tjsdh laxBuka us Hkhie mi; kox oxhidj.k , oa ekufp=.k dh viuh lkfkd&ifkd ; kstuk fodfl r dh gål nyiLfk&loonu rduhd dk vkt , slsdk; kaigsrqiblkko"kkyh rjhdslsiz kox fd; k tk jgk gå ftlea Hku&voyksdu vk/kkfjr lokjk.k djdsjk"VadsHku&la k/kukadsorieku mi; kox dh lgh luph ikir dh tk jgh gål nsk dsfofHklu foHkkxku@laxBuka}kjk Hkhie mi; kox dsoxidj.k dk fooj.k fuEuor gå

141/2 vf[ky Hkirh; enk ,oaHkie mi;kx lošk.k }kjk oxhčlj.k 1/4970/2

c&df'kr {ks= 11k31 , d Ql yh Hkfie] 2- nksQl yh Hkfie] 3- rhu Ql yh Hkfie]

I &osnak; Opr Hknie %21] fuEu aksV eMeUn Hknie] 2 - [kjka osnak Hknie] 3- I ajh osnak HknieA

n&catj Hklie % W df'k ds; kK;] W df'k dsv; kK; A

; & pkjkxkg Hkfie % 1- pkjkxkg okyh Hkfie] 2- I v[kh ?kkI okyh Hkfie] 3- ubZ > kfM+ ka okyh Hkfie] 4- \checkmark PNh mxh g\pZ > kfM+ ka okyh Hkfie] 5- dVhys i kSks , oa {k=d ; \paraller r > kfM+ ka okyh HkfieA

121/2 uškuy , Vyl , .M ffkeSVd eSi x vxiklotšku (NATMO) }kjk oxhdj.k 14980½

1&df'kxr Hkfie% 1-1 fl fipr df'k Hkfie] 1-2 vfl fipr Hkfie] 1-3 o{kkjki .k

2&ou %2-1 vkjf{r ou] 2-2 l if{kr ou] 2-3 voxhdr ou

3& vdf'kr Hkfie% 3-1 uxj] 3-2 [knku] 3-3 o{k; @r vf/kokl

4&pkjkxkg%&4-1 ?kkl okyh Hkfie] 4-2 >kfM+ kj

181/2 uškuy fjekt lálx ,táh vxůkotšku (NRA) }kjk oxhčlj.k 14995½

1& fufe/r HMge/& 1-1 uxjh;] 1-2 xkeh.k] 1-3 | Mel , oajsyoA

2&df'kxr Hkfie%2-1 Ql yh Hkfie] 2-2 ijrh Hkfie] 2-3 LFkkukUrj.k ,oaofndk; Opr] 2-4 vknZijrh Hkfie] 2-5 ik%kjki.k okyh Hkfie

3&ou Hkfie%k3-1 I nkcgkj ou] 3-2 ir>M+ou] 3-3 fefJr ou] 3-4 >kfM+kaokyh HkfieA

4&tyk"k; %&4-1 ufn; k| 4-2 >hy ,oarkykc] 4-3 tykxkj] 4-4 y\$xw] 4-5 ,Lpwjh| 4-6 lemz

5&catj Hkfie%&5-1 cybpZHkfie] 5-2 pVVkuh] 5-3 df'k ; kX; catjA

6&vU; Hkfie%6-1 ?kkl okyh Hkfie] 6-2 oQkPNkfnr] 6-3 lfjrk ckyw

141/2 Hkkjr ljdkj ds lka[; dh; foHkx }kjk oxhdj.k%

jktLo vkodMka ds vk/kkj ij Hkkjr Ijdkj ds Ika[; dh; foHkkx }kjk Hkane mi; kox dh rkfydk fuEu oxhidj.k ea ifro'ki itror dh tkrh ga df'k Ika[; dh Ielo; rduhdh Ifefr (TCCAS) us 1950 ea iekf.kd oxhidj.k dh Iaror dh] ftuds oxkai dh Ieku ifjHkk/kk IEiwki Hkkjr ea Lohdkj dh x; hA ckn ea Committee on Improvement of Agricultural Statistics }kjk bl dh ifjHkk/kk vks 0; k[; k ea lákks/ku fd; k x; kA Ifefr }kjk Hkane dks 9 ogn I aoxkai ea foHkDr fd; k x; k ga IEifr foFHkUUk ftyka ds vFki, oa la; kf/kdkjh dk; ki/k; ka Is idkf"kr ftyk Ika[; dh; if=dkvka ea foFHkUu e.Myka Is idkf"kr e.My Ika[; dh; if=dkvka ea vFki, oa la; k iHkkx jkT; fu; kstu IalFkku] fu; kstu foHkkx] mRrj ins'k }kjk idkf"kr Ika[; dh Ikjkäk Mk; jh ea rFkk Hkkjr Ijdkj Ika[; dh okf'kid ialrdk ea oxhidj.k ds bl h ik: i ea Hkane mi; ksxrk ds vkadMaidkf"kr fd; s tkrsaak

i. Hkk&kfyd {k=& lo{(k.k foHkkx }kjk vkxdfyr {k=Qy	<u> </u>
ii- Hkhie mi; ksx lslachikr lkhi[; dh; {ks=Qy	
v&ou Hkie	1⁄41½ ou
c&df'k dsfy, vikl; Hklie	½½½√d¹; mi;kx eayxh Hkhie
	½% catj vkj df′k ds∨;kX; Hknie
I&vU idkj dh df′k dsv;kX; HMme	1/41½ LFkk; h pkj k×kg
	1/5½ fofHkUu ckx cxhpkaeayxh Hkfie
	1/6½ df'k; kN; catj Hknie
n&df′kxr Hklie	W½ublijrh ds∨frfjDr
	18½ ubZ ijrh
	9- "ka") ckş h x; h Hknie
	∨&l EiwkZ ckş h x; h Hkfie
	c&,d ckj ls∨f/kd cksh x;h Hkfe
iii. fl pr {ks=	
iv. l Eiwk/I fl fipr {ks=	

Home mi; lox ds lox kads v Fk2 %

1- ou Hole %bl oxldsvUrxl oslHkh ou {ks= vkrsg&tk pkgsljdkjh vFkok futh vf/kdkj eagka blea dan ou ljdkj }kjk ljf{kr dj fn;k x;k gSrFkk dan voxhdr ga dan oukadh ljf{kr ljdkj djrh gSfdUrqos ljf{kr ughaga bl oxlea, sh Hkhe Hkh "kkfey gkrh g\$ tks ou foHkkx dh gkrh g\$ Hkysgh ml ij ou gka;k u gka Ekankuh Hkkxksea tgkadfk dh i/kkurk g\$ ogka ou fn[kk;h rks ughanrsgi ij ljdkjh vfHkys[k ea ou Hkhe gkrh ga oukaea dblidkj dso{k gkrsg\$] mudh ydMh fofHkUk fo"kkrkvkaokyh gkrh g\$rFkk ou Hkh dblidkj dsgkrsga vr%ou Hkhe dksHkh dblvk/kkjkaij mioxki ea oxhidr djrsga kv/m mPp ou dsvUrxl cMaiMksokysou okysouksdks "kkfey fd;k tkrk ga budksium dksk/kkjh pkMh iRrh oky} i.kikrh vkj fefJr ou] vkfn oxki ea foHkDr fd;k tkrk ga vc/m xi sgkrsga tksifr dan o'kki ea dkV fn;s tkrsga vi kkm+>{kkm+dsvUrxki Nkysoki} >kfM+kavkrh gi tksdkvus;ki; ughagkrh ga vn/m i sou tksdkV fn;sx;sgkaijUrqogki uwo{kkiki.k ughaguvk gka Hkan; dk eqRoiwki thoh; lakku g\$ ftldh lakkvurk ekuo dh vko";drkvkao

- ; kK; rkvka ea fufgr gA lkekftd] vkffkid , oa lk; kbj.kh; nf"V ls ouka dk lokt/kd egRo gA ekuo dh fofo/k vko"; drkvka dh i firlds vfrfjDr enk vijnu] okrkoj.k largvu] i kfjLFkSrdh largvu] okrkoj.k i fj"dkj gsrq ouLifr; ka dh HkNiedk vfr egRoiwkZgA
- 2- Ålj, oadf'k v; kk; Hhnne % bl. Jskh ea os l Hkh Hknne l fEEkfyr gå tks catj gå rFkk df'k ds; kk; ugha gå i oith;] i Bkjh o jfxLrkuh Hknne bl. dkfV ea vkrh gå vR; f/kd ykxr dsfcuk, sh Hknne dksQl yka ds vUrxik ugha yk; k tk l drk gå catj o df'k v; kk; Hknne df'k {ks= dse/; ea Hkh gksl drh gå vkå df'k {ks= l s vyx g V dj Hkh gksl drh gå bl s df'k ds vUrxir ugha fy; k tk l drk] D; knid bl ea dn y gh i fr"kr Hknne df'k; kk; gkrh gå bl ea yxHkx 20 i fr"kr l s Hkn de Hknne i j [knrh dh tk l drh gå
- 3- df'k dsvfrfjDRk vV; mi; kox dh Hone % bl Jskh ea mu Hkhie; ka dks l fEefyr fd; k tkrk g\$ tks xkeh.k o uxjh; vf/kokl], dkdh Hkou] I Mel] jsyekx} vV; jklrs vkfn ds i; kox ea g\$\text{8} bl h i dkj os Hkhie; ka tks ty i okgkla ufn; ka; k ugjka ds vVrxir g\$\text{8} Hkh bl Jskh ea l fEEkfyr dh tkrh g\$\text{8} bl ds vfrfjDr vV; x\$\text{9} df'k i; koxka dh Hkhie; ka Hkh bl ds vVrxir l fEEkfyr gkrh g\$\text{8} \%d#.ksk i rki fl \text{10} 2000] i 0 5\% bl i dkj bl Jskh dh Hkhie dk rkRi; I ml Hkhie I s g\$\text{5} ft I s ofKkfud vul ikkuka uohu —f"k; a=ka\text{1} fl \text{10} kbZ ds I k/kuka vfHkuo rduhdka, oa vV; I flo/kkvka ds mijkUr Hkh —f"k ds fy, i; kox es ugha yk; h tk I drh g\$ (Lil \text{1} ti, 2001, pp. 84-85) A bl ds vVrxir mu Hka&Hkkxka dks Hkh j [kk x; k g\$\text{1} tks Hkhie enk ds nf"Vdks k I s mi tkå; gkrs gq Hkh —f"k ds fy; s mi yC/k ugha gkrh g\$\text{8} bl i dkj dk Hka&{ks= vfuok; I: lk I s ekuo dY; k.k grq fufekk fodkl I j pukvka ds vVrxir ik; k tkrk g\$\text{8}, \frac{1}{2} h Hkhie LFkk; h: lk I s —f"k ds fy; s vunj yC/k j grh g\$\text{5} vFkok —f"k dk; I grq bl dks lk; kox ea ugha yk; k tk I drk q\$\text{8}
- 4- pkjkxkg ,oavU; i"kapkj.k dh Hkne % oLrq%bl Jskh okyh Hkne dksLFkk;h pkjkxkg ,oavU; pjkbZokyh Hkne ds uke Isoxhidir fd;k x;k gå bl sxkpj Hkne Hkh dgrsgå I Hkh ?kkl dseånku tksi"kapkadh pjkbZdsfy, LFkk;h:i Isiz,kx fd;stkrsgå bl dsvUrxir vkrsgå, ,sh Hkne;k; ?kkl LFkyh gksl drh gå vFkok LFkk;h pkjkxkg ds:i eagksl drh gå xke I engkaelenk; dspkjkxkg Hkh bl h Jskh eavkrsgå i oirh; Hkkxkaea,sh h Hkne vf/kd gkrh gå tcfd eånkuh Hkkxkaeadfk dsdkj.k ,sh h Hkne cgq de gkrh gå
- 5- m | ku] o (Kerfkk > kfM; kaokyh Hkie % bl dkfV eadf'k; kk; osl Hkh Hkie; kal fEefyr dh tkrh g) ftUga "ka) df'k {ks= eal fEefyr ughafd; k tkrk g) fdUrqdfri; l (kkj kadsi "pkr df'k gsrqi; ks eayk; h tk l drh g) blds vUrxir m | kuka Nkt/s i km} Nlij Nkus okyh ?kkl a cka dh > km} > km+ tks tykus ds dke vkrh g) l fEefyr fd; s tkrs g) tks Hkie ds mi; ks forj. k eam | ku@ckx ds vUrxir l fEEkfyr ughagkrh g).
- 6-difk; kK; catj Hole & bl Jskh ea og Hole lifeEkfyr gå tksdfk dsfy, mi; for gkrsgq Hole dkj kkals mleadfk ughadh tkrh gå bleadfo ijrh Hole; k do lok kke vikok do taxyh Hokkaj fildk dkolik kay ughafd; k tkrk gå Hokh lifefyr gkrk gå not js "kinka ea; g og Hole gå tksdfk dsfy, miyik gå ijling fil ij orèku oʻki voj finys ikop oʻkon; k mlls vikoka ea; g og Hole gå tksdfk dsfy, miyik gå ijling fil ij orèku oʻki voj finys ikop oʻkon; k mlls vikoka ea; g og Hole gå tksdfk dsfy, miyik gå Hole dsi jild voj kokh fin; k tkrk gå vangh Johir, 1974, p 105% I Ecflikr die; ka ds fuokj. k ds i "pokr, ih Hole ij difk dh tk ldrh gå ty ykurkj mojirk gål] vuknirk takh ikdird dkj. koa; k fooknj filku dh vikerk, oa foo "krij fi pokoi ds likkuka dk vilkoj ufn; kads ekxi ijori lsjr dh ekvh jir fon tkus vikin dkj. koa ls codkj i Mh Hole bl Jskh ea vikrh gå, ih Hole; h ijrh gksl drh gå; k >kimi kavkå taxy okyh gksl drh gå; g Hole filh vi; iz kox ea ughayk; h tk ldrh gå fil Hole de Isde, d ckj [krh dh x; h glk ijilrq fi Nysikop; k vijka o'kolis [krh ughadh x; h glk og Hole Holl Jskh ea vikrh gå to dkoli Hole; h gå to dkoli Hole; h o'ki ijrh kavkni jrh dgrsgå; fn mls, d o'ki Isvijka o ikop o'ki sde Ie; rd ijrh Nokoh fin; k x; k gkrk gå rksmis ijkuh ijrh; k vi; ijrh dgrsgå ijlirqt cog Hole ikop o'ki sde Ie; rd ijrh Nokoh fin; k x; k gkrk gå rksog Hole d'; catj dh Jskh ea fxuh tkusyxrh gå (Land Record Manual, 1960, p.63)A 7- ortiku; k ubi ijrh %kmojrk dh ių kilirj ueh lp; grq vikok vokifiki dkj. koals filh Ql yh o'ki ea fcuk
- din cks sgh NkiM+nh x; h Hkhie orëku ijrh Hkhie dgykrh gin bl su; h ijrh; k pkywijrh Hkh dgrsgji D; khid ; g Hkhie pkyn@orëku o'ki en ijrh jgrh gin olrqrikhhie mi; kx ifronu r; kj djusdsle; tks Hkhie ughack; h x; h gkrh gs ijlrq inoi ds o'ki en ck; h ghpi gkrh gs ubi ijrh dgykrh gs knoor Mohammad, 1992, P.157% ; g df'kxr Hkhie gh gs ftls doy orëku ; k pkyw Ql yh o'ki en ijrh j [kk tkrk gin mnkgj.k ds fy; s; fn fdlh i kisk kyk okys {ks= dks mlh o'ki iqu fdlh Ql y ds fy; s i; kx ughafd; k tkrk gs rks mls u; h ijrh; k pkyw

ijrh dgk tkrk gå to df'k eavk/kijud df'k ifof/k; kafor'kskdj flipkblo jklk; fud mojjdkadk lekošk ughaguyk Fkkl vkj tul {; k dk noko de Fkk rksml le; fdlku din [ksr dks,d Qlyh o'kldsfy; sijrh Nkbl+nsrsFk} rkfd mleamojjrk o ueh lipr gksldå vkfFkid foilurk] Je dsvHkko] ck<} lijk vkfn dkj.kkalsu fdlh o'klu cksh tk ldusokyh Hkfe Hkh u; h ijrh Hkhe dh Jskh ea "kkfey dh tkrh g\$ \(\chick \) Chandel,1991, P.77\(\A \) ijrh ; k iMrh; k iMr dk vFkliMh gipl; k ; k T; kadk R; ka; Fkkor cuh jguslsgå pind , ih Hkhe ij ,d lky dsfy; s df'k dk; lughadjrsgq mlsT; kadk R; kaiMh jgusfn; k tkrk g\$ blhfy; smlsiMh gipl; k ijrh ; k iMr Hkhe dgk tkrk gå vkt Hkh ftu {ks=kaeavk/kijud df'k rduhdkadk fodkl &folrkj ughagksldk g\$ df'k idfr ds Hkjk'ksg\$ ogk; df'k dh ijrh i) fr ipfyr gå nsk dsie(k df'k izkku {ks= fo'kkkdj xkaxs einku tgk; tul {; k dk Hkkjh noko g\$ vkj flipkb] jklk; fud mojjd; l=hdj.k vkfn vk/kijud rduhdkadk folrkj gkspplk g} ea [kr dksijrh NkbMesdh ipfRr vR; Yi gkx; h gå

- 8- ijkuh ijrh HMe % ijkuh ijrh HkMe ds vUrxir og HkMe vkrh g\$ tksigys dfik ds vUrxir Fkh] ijUrq vc vLFkk; h: i Is, d oʻkils vf/kd o ikpo oʻkils de vof/k ijrh iMh ghpig\$ mlij dfik ugha dh tkrh gå HkMe dk [krh Is ckgj gksus ds dbidkj.k gks I drs gå; Fkk&dikdka dh xjhch] ikuh dh vukifiri; k vi; kir vkifiri; foʻke tyok; junh, oa ugjka dh HkMe dk gksuk] rFkk dfik dk vykHkdkjh gksuk vkfnA nuljs "kCnka ea ijkuh ijrh HkMe, sh I elr HkMe; ka dk | krd gkrh gå ftl ij dfik dh x; h gkrh gå ijUrq vLFkk; h rkj ij, d oʻkils vf/kd vkj 5 oʻkils de vof/k rd ugha ck; h x; h gkrh gå brus yEcsle; rd HkMe dk u cks k tkuk i eq[kr%dikdka ds ikl vkfFkd l k/kuka dh deh] ckf/kr, oa vfoʻol uh; tykifirir rFkk dfik dk vykHknk; d gksuk gå
- 9- "Not cks k x; k {ks= 9% "ko) cks s x; s {ks= dk rkRi; l df'kxr Hkfe ds ml Hkkx Isg\$ tksfdlh Qlyh o'klea okLro eacks k x; k gkA blhfy; s blds fy, "ko) Qlyxr Hkfe] "ko) cks h x; h Hkfe; k "ko) df'kr Hkfe "kCn dk Hkh i; kx fd; k tkrk gA l kFk l kFk bles, slh Hkfe Hkh "kkfey dh tkrh gSftlea Qly pdzds: i ea?kkl mxk; h x; h gkA "ko) cks h x; h Hkfe l Eiwkl {ks=Qy rFkk Hkfe mi; kx ds "ksk l Hkh ½Jskh 1 Is 8 rd½ Jf.k; ka dh Hkfe ds; kx ds vUrj dk | krd gkrh gA bl idkj bl Jskh ea Qly rFkk QlykRiknu ds: i ea "ko) cks s x; k {ks= l fEEkfyr fd; k tkrk gA KkRkO; gSfd, d ckj l s vf/kd cks s x; s {ks= dh x.kuk Hkh, d ckj gh dh tkrh gA ; g dy cks s x; s {ks= l s de gkrk g\$ D; kad dy cks k x; k {ks= "ko) cks s x; s {ks= rFkk, d ckj l s vf/kd cks s x; s {ks= cks gkrk gA }

Hkhie mi; kx ds v Urxir "ka) cks s x; k {ks= Hkhie mi; kx dk lokt/kd egRoiwkii{k gA df'k i/kku ns'k; Fkk Hkkjr ds fy; s "ka) cks s {ks= dk fo"ksk egRo g\$ D; khid df'k mRiknu blh Jskh dh Hkhie ij vk/kkfjr gkrk gA fujUrj rhoz xfr ls c<rh tul {i; k dh of) eku [kk | ,oa v U; v ko"; drkvka dh i hirz gsrq "ka) cks s x; s {ks= ea of) rkRdkfyd v ko"; drk gA ns'k ds df'k i /kku {ks=ka "ka) cks s x; s {ks= ea v fl+kof) dh l EHkkouk; k xqtkb"k ugha g\$ D; khid "ka) df'kxr {ks= v i uh v f/kdre l hek rd i gppus ds ckn v c gkl eku fLFkfr ea v k x; k gA v r % bl Hkhie dk l E; d v ki l hopkfjr mi; kx v i fjgk; l gA

Lkm HkZ

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- d#.ksk irki 1/20001/16 kekU; Hknie mi; ksk , oa dfk Hknie mi; ksk , i0 5]
- Okek], I-, I-] (1997)% ou fouk'k dk vflkijd f"k fodkl % xkj [kij ifj{ks=h; rjkb/ldk v/;;u] txnh'k fl g }kjk | Eikfnrijerd & lakr Hkne mi;kx] i oblimik ds | UnHk/le) i O 24&32-
- yhykorh 1/20011/6 x.Md ugj {ks= m0ii/) ea vkn// Hkthe % Lo: i ,oaicU/ku] viclkf "kr "kkt/k icU/k] nh0n0m0 xkj [kij



Hkijr eaukjh dh cnyrh gb/Zos'od fLFkfr %xk/khoknh n'ku ds fo'kk ifjis; es

MKW I hek flaj*

itrkouk% itrg 'kkdk izU/k ea Hkkjr ea ukjh dh cnyrh qbz os'od flFkfr xk/kh n'ku ds fo'k5k ifjis; ea ukjh dh cnyrh glozostod fLFkfr rFkk muds I Ecll/k eagkus okys 0; kid ifjorlu ds voykdu dk iz kl fd; k x; k gla bl 'kkøk izU/k eabl rF; dksHkh la{klr: i lsiLngr djusdk izkl fd;k x;k g\s fd ikphu dky eaukjh dh jktuhfrd 0; oLFkk eaD; k Hkhiedk Fkh vkj e/; dky dsfdl ifjorlukaeaukjh tkfr; kadksiru dsxrleayk fn; k vk\$ mudsÅij fdu&fdu rjg dsifrcU/kka;k : f<+kalsmudkslekt ea,d dVsgg vax dh rjg j[kkA tcfd os, d gh fl Dds ds nksig yw gå lekt dh lådfrd es n.M gå bl 'kkøk i cl/k ds vlrxir bl rF; dk Hkh egRoiwkZ voyksdu djus dk iz kl fd; k x; k g\$ fd fdu cnyrh g\pZ ifjfLFkfr ea ukjh dh fLFkfr ea egRoiwkZ ifjorlu yk fn; k vkj mudks?kj dh pakjnhokjh I s ckaj fudydj I ekt dh ckxMkj I Egkyus ds fy, Hkh i fjr fd; kA ilryr 'kkøk eaxk/kh ftUgajk"Vfirk dsuke IsHkh tkuk tkrk g\$ usefgykvkadh fLFkfr dkslekt eaÅpk mBkus dsfy, efgykvkadksD; k I ansk fn; kA e/; ; akhu ukjh dh fLFkfr ea ifjorlu djus ea xk/kh dsfopkjkadk D; k ; kxnku vFkok Hkniedk jgh ftllsukjh dh fLFkfr ea egRoiwkZifjorZu vk\$ ukjh dh ifgpku o\$'od fLFkfr ea Hkh dk; e gkusyxhA I kjr%Hkkjr ea efgykvka dh fLFkfr I fn; ka I segku cnykvka dsv/khu jgh gA [kkl dj 19oha I nh ea gksus okyh egRoiwkZ vkUnksyu ftUgksus fL=; ka ea i quZtkxj.k dk dk; Zfd; kA egRek xk/kh dks mu egku usrkvka ea Is, dekuk tkrk g\$ ftUgkaus efgykvka dks Lora=rk lakte ea ¼vlg; ksv vkUnksyu Ifou; voKk] Hkkjr NkMks vkUnksyu½ ea c<&p<elj I fdz, Hkkxhnkjh ds fy, it&l kfgr fd;kA bl dkj.k mUgkaus efgyk efDr ds el hgk ds : i eafpflygr fd; k tk I drk gå xk/kh dk ekuuk Fkk fd efgykvkadks?kj dh pgkjnhokjh I sckgj fudydj nšk ds mRFkku ea egRoiwkZ Hkhiedk dk fuokgu djuk pkfg, A xk/kh us efgykvkads ckjs ea dgk Fkk fd mUga i frcU/kkadks gVkdj vkxsvkuk pkfg, vk\$ vkokt mBkuh pkfg, vk\$ mUqatsy tkus ea Hkh fqpfdpkgV ughadjuh pkfg, A xk/kh dk dguk Fkk fd efgykvkadksviusÅij iMh: f<+kavk\$ ijEijkvkadh tathjkadksrk&Mdj u;slekt dk l`tu djuk pkfg, A

gkyklid xkýkh us Hkkjr dh i kjEifjd LFkki uk dks dHkh Hkh popuklich ugha nhA cfYd efgykvka dks bl ds Hkhrj gh viuh fu; fr cnyus dh ckr dghA efgykvka us xkýkh l s gh bl ckr dks l h[kk fd efgykvka ea i nk] dk vFkZgls us rdrk dk i nk] ckgj l s 'kjhj dks < dus l s us rdrk ugha vk l drhA bl l kjh ckrka us efgykvka dh l kop dks i fjofrir dj fn; kA l EHkor%; g xkýkh dh nsus gSfd Hkkjr dh efgykvka dh vkt ob' od fLFkfr ea egRoi wk] LFkku gSh pkgs og Lorærk lakte ds l e; l pprk di ykuh] l jkstuh uk; Milv y{eh esuu] l okhyk uk; j] Å"kk egrk gks; k vk/kljud l e; ea nsk ds l oklip i n dks/kkj.k djus okyh efgyk jk"Vi fr gks ykdl Hkk/; {k gks i /kkueæh gks l oklip l; k; ky; dh efgyk l; k; k/kh'k cuus okyh fot; y{eh i f.Mr gks bu l cds Åij xk/kh ds fopkjka dk i Hkko fn [kkbZi Mrk gsh

xk/kh n'kū dk vFkkk xk/kh n'kū, d uohu vo/kkj.kk g\$ tksegkRek xk/kh dsfopkjkaij vk/kkfjr g\$\lambda; | fi egkRek xk/kh usLo; adgk Fkk fd "xk/kh n'kū uke dh dkbZoLrqughag\$ ejik; g Hkh nkok ughag\$fd e&usfdI h u; s n'kū; k fl) kUr dk vkfo"dkj fd; k g\$ e&us rksfl QZ l k'or l R; dksl gu fd; k g\$ vk\$ mlsviusfuR; ds thou ea vk\$ ifrfnu ds i Z ukaij vius < ax I s mrkjus dk i Z kl fd; k g\$\lambda \text{VFkkir} l kekUr; k xk/kh n'kū l s vfHkik; g\$ xk/kh th dsfopkjkik fl) kUrkavk\$ muds \kik l e; & l e; ij j [ks x; s eUr0; ka dk l emphdj.kA

* cgjkbp] m0i0

<u>iVVKHKI hrkje\$; k ds 'Kûnkae</u>kk xk/kh n'kū] fl) kUrkadk erkadk fu; ekafofu; ekadk vký vknskkadk leng ughaga ik; r og , d thou 'kSyh ; k thou n'kū ga ; g , d u; h fn'kk dh vký leds djrk ga vFkok eut; dh thou leL; kvkads fo"k; ea i jikuh fn'kk dh i qu% LFkki uk djrk ga vký orieku leL; kvkads fy, i kphu lek/kku i trr djrk ga**

ikphu dky eaefgykvladh fLFkfr%

<u>I MHK</u> ikphudky eaefgykvkadkslekt eaegRoiwkZ LFkku ikIr FkkA bl ckr dk Kku geaikphu on <u>Kon</u> eafgyrk g\$ vk\$ bl on ealHkk uked , degRoiwkZ laufkk dk mYy{[k feyrk g\$ vk\$ bl eaefgykvkadksHkh iq "kkadsleku egRoiwkZ vf/kdkj ikIr Fkk ftleaL=h l nL; dsfy, "I Hkkorh"] 'Kûn dk iz kx fd; k x; k g\$ l

<u>lfefr</u>%& __Xon ealfefr uke lå.Fkk dk Hkh myy{k g\$dksjkt0; oLFkk eaegRoiwkZLFkku g\$\sqrt{k} vFkobn eabl ckr dk iek.k feyrk g\$fd bl lfefr eaHkh iq "kkadsled{k fL=; kadksHkh eqRoiwkZLFkku ikIr FkkA

ikphu Lefr eukefr ea Hkh fL=; ka dh n'kkvka dk o.klu bl rF; Is feyrk gS; =~uk; LrqivT; r} r= jeU; rs nork vFkkr ikphu dky ea Hkh ukjh dks l kekU; r; k jktO; koLFkk ea egRivkl LFkku ikIr Fkk vkj mudh fLFkfr l Eeku tud FkhA ikphudky ea efgykvka dks f'k{kk ikIr djus ½yki kennk vkjk vkjk fontkh½ onk/; u] fofHkUu l kekftd l ekjkgka ea mifLFkr gkus rFkk fofHkUu vf/kdkjka dk mi; kx djus dh ivkl Lorærk FkhA

e/; dky eaukjh dh fl.Fkfr% e/; dky ds vFkkir I kroha 'krkCnh I smudk iru 'kq gksus yxk bl dk ie(k dkj.k Fkk ukjh lj{kkA ukjh lj{kk} itu us inkil Fkk] cky fookg I rh i Fkk] nonkl h i Fkk] fo/kok fookg vkfn dkj.kka us I ekt dksiru ds xrlea Mky fn; kA efgykvka dks ek= dri); ka I s ck/k fn; k x; k vkj vf/kdkjka ij i frcli/k ysdu I e; ds I kFk&I kFk dn egRoi wkl i fjoriu gksus yxk vkj I ekt ds dn cn thoh oxl us bl fl.Fkfr ea I nkj ds fy, efgykvka ea psruk tkxr djus dk chilk mBk; kA olrnw; g vklinksyu 19 oha 'krkCnh ea > nB vkj foflklu dj.hfr; ka dks I eklr djus dk i z kl gnykA

19 oha'krkCnh eal=h liqkkij IslEcfl/kr vklinksyu% 19 oha'krkCnh dsinoZukjh lekt iru dh flFkfr eafkkA ijUrq19 ohalnh ea, d, sh uohu pruk dk mn; gw/k ftlusnsk ea0; klr efgykvkalslEcfl/kr reke djihfr; kadkstM+lsleklr djusdk iz, kl fd; k ftldsdkj.k efgykvkadh flFkfr; kaealqkkj gkuk ikjEHk gw/kA

19 oha'krkûnh eal kekitd d@ifkk mlenyu grqfd;sx;sizkl %

<u>I rhi Fkk</u>% bl i Fkk dk i Fke mYy{k 510bDds, jsk vflky{k ea feyrk gå loji Fke 15oha 'krk?nh ea d'ehj ds 'kkl d fl dlinj us bl i Fkk dks clin djok; k FkkA jktkjke ekspu jk; ds i z kl ka ds QyLo: i ykMZ fofy; e cåVd us ¼4 fn I Ecj] 1829½ dks 17 os fu; e ds vUrxir I rh i Fkk i j jkd yxk nhA

cky fookg % cky fookg ds fo:) Loi Fke dk; / jktkjke ekgu jk; us fd; k ijUrq ds kopUnz Lsuk o ch0, L0 ekykokjh ds iz kl kals loi Fke 1872 bD eans kh cky fookg vf/kfu; e ikfjr gw/kA bl vf/kfu; e ea 14 o"kZ ls de vk; qdh ckfydkvkar Fkk 18 o"kZ ls de vk; qds ckydka ds fookg ij i frcU/k yxkk fn; k x; kA

fo/kok i włookg% ble a lokt/kd; kwnku błoj pllnz fo | kl kxj us fn; k mllgkaus 1000 gLrk{kj ka ls; Opr i = MygkSth dks Hkstdj bls dkuwuh: i nsus dk vujjksk fd; kA błoj pllnz fo | kl kxj ds iz, kl ka ds QyLo: i ykMł dsux us fgllnwfo/kok i włookg vf/kfu; e&15 i kfjr fd; k vkj bls dkuwuh ekll; rk i klr gopA

cky gR; k i FMx cxky, oajkti urka ea v f/kd i pfyr FkhA bleackfydk f'k' kuyka dkstlle ys sghekj fn; k tkrk Fkk v kg bldk i e (k dkj.k fonskh v kde.k FkkA 1795 ea cxky fu; e XXI v kg 1804 bD dsfu; e Isbldks i Fkk dksjkdusdk i z kl gqvkA

L=h f'k(Ne% Hkkjrh; lekt eafL=; kadh n; uh; fLFkfr dks n{krs gq bl kbl fe'kufj; kaus 1819 eadksydkrk ear: .k L=h l Hkk dh FkhA 1849 bD dks t6)MhOcFkqu 16'k{kk ifj"kn ds v/; {k½ }kjk dydRrk ea, d ckfydk fo | ky; dh LFkkiuk gtpA L=h f'k{kk dsfy, lokf/kd i; kl bloj plnz fo | kl kxj usfd; s vk5 cxky eayxHkx 35 fo | ky; LFkkfir fd; A 1854 eaxfBr f'k{kk vk; kx "pkYl lctM fMLi6"* eaHkh L=h f'k{kk ij fo'k5k /; ku fn; k x; kA 1926 eargykvkads mRFkku dsfy, vf[ky Hkkjrh; efgyk lâk dh LFkkiuk gtpA i k6 dc&us L=h f'k{kk dks c<kok nsus dsfy, 1916 dksiwks eaHkkjrh; efgyk fo'ofo | ky; dh LFkkiuk dhA

"Hikgir eaukjh dh cnyrh ghozos'od flekkri xkakh n'klu dsfo'ksk ifjis; eska jktkjke eksgu jk; dsckn l=h lykkj dh fn'kk ea egRoiwkz, oa myys[kuh; dk; z djus okys 0; fDr egkRek xkykh Fkak xkykh dk; g dFku fd fl=; ka ea fufodkn usrk gksk vks os Hkfo"; ea nsk dksixfr dsifk ij vxaj j djachA

xk/kh dk ekuuk Fkk fd fL=; ki fd lh Hkh nf"V lsiq "kkalsghu ughagkrh vkg detkg dguk mudsifr vU; k; vkg vieku gå xk/kh dk ekuuk Fkk fd ; fn lR;] vfgå k] lfg".kqrk vkg uårDrk vkfn thoudslok&p xqkkadh nf"V lsnf{kt; srksfL=; ki iq "kkalsvf/kd J\$B gå k

x k / k h th us inkil Fkk] c k y fookg] nonkl h i Fkk] v k f n L=h thou I s I Ecfl/kr c j k b; ka d k MVdj foj k k fd; k v k j bl c k r d k i friknu fd; k fd fL=; ka d k s d k u u r F k k 0; og k j e a i q "k ka d k s l e k u d k s j k d k s l e k u g h v f / k d k j i k d k s j k

 $tgk_i \ rd \ ukjh \ mRFkku \ ds \ I \ EcU/k \ es \ xk/kh \ th \ ds \ nf"Vdksk \ dk \ i \ ug \ s \ xk/kh \ th \ ukjh \ dks \ Hkkjrh; \ I \ ekt \ dk \ es \ n.M \ ekurs \ gs \ vkj \ L=h \ dks \ fdl \ h \ hkh : i \ es \ vcyk \ ughs \ cfYd \ v) \ kaxuh , oa I \ g/kfeZkh \ ekurs \ FkA \ xk/kh \ us L=h \ dks \ i \ ug/ks \ dks \ geus \ dn \ vkUnksyuks \ I \ s nuj \ j [kk \ bl fy, ge i \ kk/kkr \ dsf'kdkj \ gg A \ xk/kh \ th \ dk \ ekuuk \ Fkk \ fd \ vf/kdkåk \ cjikb; ks \ dh \ tM+es \ vf'k{kk \ gSbl fy}, \ fL=; ks \ dksf'k{kk \ xg.k} \ djuh \ pkfg, \ ysdu ; g \ f'k{kk \ ,sh} \ h \ gks \ fd \ ?kjsywefgyk; s vius \ dkedkt \ dks \ vPNh \ rjg \ I \ e> I \ ds \ vks \ vius \ cPpks \ dk \ < x \ I \ sikyu \ iksk. \ dj \ I \ ds$

xk/kh usinkZiFkk dksfucZyrk] Ladh.kt/k vk\$ viusfodkL eack/kd ekuk q\$mUqkausdgk fd ikphudky ea efgykvkadks lekt dhjkt0; oLFkk ea [kaydj okn fookn djusdk vf/kdkj Fkk mudk thou cU/ku jfgr Fkk ijUrq vkt , 1 k ughag& xk/kh th dk ekuuk Fkk fd bl inkiFkk dkscUn dj nsuk pkfq,] bllslekt dh {kfr gksjgh q\$\text{N} xk\footnote{\text{N}} th ds vu_i kj ink\footnote{\text{Z}} dk vFk\footnote{\text{V}} viuh u\footnote{\text{S}} rdrk ds vUnj jgrsqg dkb\footnote{\text{Z}} dke djuk\footnote{\text{Z}} xk\footnote{\text{N}} th dgrs Fks \(^{\text{P}}\text{pfj} = \text{V} \) dh ifo=rk in&lsugh vkrh vk\$ u gh yknh tk ldrh g\$ in&dh nhokj nsuslsbldh j{kk ughagksldrhA bldk fo'okl vUrjkRek Isgkuk pkfg, A geatcjnLr okj djdsbl in&dksQkM+nsuk pkfg, A fL=; kadh efDr dsfy, xk/kh us ngst i Fkk dk Hkh dMk fojk/k fd; kA xk/kh th dk ekuuk Fkk fd yMfd; ka ds tle yrs qh mlgabl fy, Hkkj le>k tkrk g\$fd mudh 'kknh dsle; oj i{k dksngst nsuk iMrk g\$tksxjhc firk dsfy, vlguh; qkrk q\$A xk/kh th dk ekuuk qS; fn eisikl dkbZdpkjh yMeth qkrh rksosmlsviusikl j[kuk T; knk J; Ldj le>rk] ctk; ml yktkh 0; fDr dh iRuh cuus l A xk/kh dk dauk Fkk fookg dk mnns; Hkkx u akdj , d vPNk l Urku mRillu djuk mnns; gksuk pkfq, A mUgksus vUritkrh; fookg ds I kFk fofHkUu /kekbyEch Hkkjrh; ka ds chp fookg I EcU/kkadh ckr dhA xk/kh th dk ekuuk Fkk fd ^, d efgyk Hkh etor gks I drh gSHkysgh og detkj gksvU; k; dk fojkók djasblasfy, t: jh gSfalefgykvkadksHkh ig "kkadh rjg f'k{kk nh tk;sblhfy, xkókh th us 1937 eacqu; knh f'k{kk dk; de ds rgr L=h o iq "k nkukads fy, vfuok; If'k{kk dh ckr dghA egkRek xk/kh , d , s s iq "k FksftUgkausL=h dksLorærk lakke dh egRoiwkZdMæds: i eaLohdkj fd;k ∨k\$j mUgac<&p<€j ∨kUnksyu eafgLlk ysus dsfy, ifir fd; kA xk/kh ds'kCnkaea^egku leL; k ¼ ekt eaefgykykadh Hkfiedk½ eaejk; kxnku thou dsiR; sd ix ij I PpkbZ vK\$ vfq\$1 k dksLohdkj djusdsfy, iLrr q\$pkqsoq 0; fDr ½efqyk½qks; k jk"VNs dsfar dsfy, gkA xk/kh dk dguk Fkk fd eSuavk'kk 0; Dr dh gSfd vkusokyh fL=; kaeafufobkn urk gksk vkS bl rig ekuo fodkl ea mudh fu.kk? d Hkfiedk gkxhA xk/kh th us vius Lorærk ∨kUnksyu ea Hkh efgyk∨ka dks vkokt mBkus rFkk vk§fuo§'kd Lorærk dks ikIr djus ds fy, ?kj dh pgkjnhokjh I s ckgj fudy n\$k dks Lorærk djkus ea tsy tkus ea Hkh fgpfdpkgV u djus dh ckr dghA efgyk∨ka us xk/kh Isgh bl ckr dks Ih[kk Fkk fd , d Hkh etar aksldrk a\$ Hkysah og detkj aksvU; k; dsfojkkk eA xk/kh th dsiHkko Isah efgykvka dks; q Kkr qw/k fd mUgaiq "k i/kku jktuhfr dsekin.MkadksLohdkj ughadjuk pkfq, vkj bl lEcU/k eamUga viuk nf"Vdksk fodkl Isdjuk pkfg, A xk/kh th dsiklko eavkdj gh efgykvkausvkSfuof'kd vuSrd jkT; dh vkykpuk dhA xk/kh dh efgykvkadks I pok ds I kFk ng/kk tk I drk gSfgal k ds I kFk ughA xk/kh th us efgykvkadks vf/kdkj vkj dri); ds l kFk&l kFk efgykvka ds ml Lo: i dks Hkh vkdkj fn; k tks efgykvka ds vUnj fn; k gkrk g&n oktro earkk/kh th , d ,sisiq "k FksftUgaefgyk efDr dselhgk ds: i eafpfUgr fd;k tk I drk g&n xk/kh dks mu egku usrkvka ea , d ekuk tkrk gå ftlighaus efgykvka dks Lorærk lække ea I fdz Hkkxhnkjh ds fy, ibblikfar fd; k vks vuod ukf; dkvbads thou Lo: i dks qh ifjofrir dj fn; kA Hkkjr ea xk/kh th }kjk fd; s x; s fofHkUu vkUnksyuka¼vIg;ks vkUnksyu] nkWh;k=k] Ifou; voKk] Hkkjr NkWks vkUnksyu Isu doy ukjh IstkWk cfYd ukjh ea; g fo'okl tkxr fd; k fd os Lo; a dks orèku Is Hkh T; knk vius vkidks lok@p cuk Idrh g& xk/kh th us efgykvkadh [kkb/qbp/kfDr; kadks tkxr djus dk dk; /fd; k vks vius injkus inokkrgkadks mrkj dj Quid fn; k vks bl rjg mllgkaus ekuo fodkl ds fy, viuh; k=k 'kg dhA

xk/kh th dk ekuuk Fkk fd efgyk; axs fgald rjhds I sjktuhfr ea peRdkjh ifj.kke yk; axh vkj ob od fLFkfr ea Hkh viuh fLFkfr etcar djaxhA xk/kh th ds fopkjkadk gh ifj.kke Fkk fd ,d rjQ efgykvka us viuh vkUrfjd 'kfDr dksigpkuk] nuljh rjQ mUgkaus ekuork vkj ubrd rRokadksjktuhfr ea LFkku fn; kA xk/kh th ds fopkjkadk ifj.kke Fkk fd efgykvka us tkfr 0; oLFkk] inkZ iFkk] cky fookg] fo/kok fookg vkfn inokäxgkadks mrkj QadkA gkykad xk/kh us ikjEifjd LFkkiuk vFkkr Hkkjrh; I bldfr dks dHkh Hkh popkbrh u naus dh ckr dgh vkj mUgkaus efgykvkadks blds Hkhrj viuh igpku cukus garqr\$kj gkaus dsfy, dgkA

xk/kh th dsfopkjkadk gh ifj.kke g\$fd pkgsog Lorærk vkUnksyu dsle; dh ckr gksftlealjkstuh uk; Mhy y{eh exuu] galk exgrk] nxkkckblnske([k] likhyk uk; j] jktdækjh verk dk§j Å"kk exgrk t\$ h ukf; dkvkaus viuh Hkmedk vnk dh pkgsvk/kmud le; gks; g xk/kh dsfopkjkadk gh ifj.kke g\$fd Hkkjr eaefgykvkausnsk ds lok&p in dks/kkj.k djds ½jk"V*ifr] i½kkueæh] ykxdlHkk v/; {k] lok&p U; k0 dh eq[; U; k0] foi{k dh urk½ o\$'od fLFkfr eaviuh igpku dk; e dh g\$vk\$ Hkkjr dksixfr dsiFk dh vkj vxalj fd; k g\$A

I UnHZ

- ifrek vLFkkuk] onebl enoebVI bu bf.M;k] fodkl ifCyf'kax gkml] fnYyh] 1970-
- jakk Lokeh v;; j], uhcd bV & gj cdl Qkj Lojkt] enkl] 1955-
- tOchO d'iykuh] xkdkh , .M ykbQ , .M FkkV] Hkkjr Ijdkj dk idk'ku] fnYyh] 1970-
- equh; k j Qhd [kku] l kf'k; ks & yhxy] LVI/I vkMD eqLye oneu] jfM; UV i fCy'kl] 1993-
- MKNO I eeu xn(rk) onesu bu ekMuZbf.M;k] ikCyEl ,.M b'knt] uskuy ifCyf'kax gkml] ubZfnYyh] 1999-



{kethizdr pk#p; kleavytdkj fo/kku

MKW dlurh feJk*

d"ehjh dfo {kæhnz 1/990&1065½} }kjk fojfpr pk#p; k½ I nkpkj fo'k; d , d vunje dk0; gå ; g dk0; uhfrijd dk0; ka ea egRoiwk½ LFkku j [krk g\$ bl ea ekuo thou ds fy, mi; kxh fofo/k uhfr; ka dk mins'k I R; dFkkvkaij v/kkfjr n'VklJrka}kjk fn; k x; k gå bl ea vunjVnj ~ NUnka ds }kjk invk½ ea uhfr rFkk mRrjk/k½ ea ml ds l eFk½ mnkgj.k bfrgkl i jk.kka l s fn; s x; s gå bfrgkl i jk.k l EcU/kh cgkrk ds dkj.k {kæhnz dk vij vfhk/kku '0; kl nkl * Hkh i fl) gå² l jy "k\$yh ea fy [ks x; s bu dk0; ea LFkku&LFkku ij vykdkjka dk l linj i z kx fd; k x; k g\$ tks fuEuor~foopuh; g\$ &

```
%d½ "Kûnkyedkj %k
∨u•jkl %k
```

bl vyadkj dk cgala; LFkyka ij latnj iz, kom gavk g\$; Fkk&

u dophir fØ; kadkfapnull; P; ZegšojeA³

; gk; d dk vuid ckj i i kx gkus I s oR; u j kl vyidkj gA

u l ´pj."khy%; kflluf"k fu%kMelekul %A⁴

; gk; "k dk ∨ud ckj iz ksv gksus IsoR; ujikl g\$A

u⊊kfXu″kyHkhHkkoa Hkkoks u\$khUeukbkoeA⁵

; gki Hk dh vuid ckj vkofRr I soR; u j kl vyidkj g&6

ukR; FkeFkkFkLu; k /khekug}st; \$TtueA

; gkj /k dh vuid/kk vkofRr I soR; uqkl vyidkj gill

~onoR; R; tRrueA′

bl mnkgj.k ea ^{2}R ;* "kCn dh, d ckj vkofRr gksus Is Nadkuqikl vyadkj g\$\lambda vuqikl vyadkj dk vU; LFkyka ij Hkh I t|nj iz kx fd; k x; k g\$\lambda^{8}

; ed %%

bl vyadkj dk iz kox fuEuklidr LFky ij ns[kk tk l drk g\$

ek.M0; % "knyyhuks Hkm pk\j\"pk\j\"k3d; kA9

; gk; ^pkg* in dh vkofRr eni Fke fuj Fkd rFkk f}rh; I kFkd g\$ vr%; gk; ; ed vyndkj g\$.

1/**[**k½ ∨**Fkk½/ a**dk**j** % **k**

vFW0rjU; kI &

ckás egyrði #′kLR; tóllunkerfUnr%A

ikr%icg) a deyekJ; BNhxqkkJ; kAA¹⁰

; gk; i kr%fodfl r dey dk y{eh }kjk vkJ; ysus: i fo″ksk vFkZlsJhdkeh euq; dsckā eggm7eamBus: i I kekU; vFkZdk leFkZu fd;k x;k] vr%vFkkDrjU;kl vysdkj g\$\lambda

*Mgjkl ijlig xksMk

```
u dophir fØ; kadkfipnull; P; ZegsojeA
           bľkkpľuj ra Üosa ukHkllusa; e% (ke%AA<sup>11</sup>
           f''ko ds\lorp\iotaIs; eHk; dk fuokj.k: i fo''kšk \lorFk\iotaIsfdIh dk; \iotaIsi\bullet0\iotaf''ko ds\lorp\iota4 dh \lorfuok; \iota7k: I
; qki
I kekU; ∨FkZ dk I eFkZu fd; k x; k gA
           Jk) aJ) kflora dg kPNkL=kDrub oRelukA
           Hkto fi.MannkSfo}ku~Hkto'e%ik.kkSu "kUruk$AA<sup>12</sup>
           bl "yksd ea Hkh'e ds "kkL=l Eer fi. Mnku fØ; k: i fo"ksk vFkZ}kjk "kkL=l Eer Jk) fof/k dh vfuo; irk
: i lkekU; ∨FkZdk leFkZu fd;k x;k g&
           vr%bu l Hkh LFkykaij vFkkØrjU; kl vyædkj g&
           bih Hkkar bi vyadki dsfprrkd'kid izkx is; Dr vi; LFky Hkh niV0; qa<sup>13</sup>
dl0; fy3x %
           bl vytodkj dk iz kox 21 "ykodka ea gryk gå bl dsier(k mnkgj.k fuEuor ntV0; gå % k
           bľkkplujra Üosr uk Hkbusrą; e% {ke%A<sup>14</sup>
           /*bl/kkplujr** in Üor effu dk ; el EcU/kh Hk; dsfuokj.k grqvkrk g& vr%dk0; fy3x vyødkj g&
; gkį
           u \in [0; I] uh \{khc\%dg kh~orkypf'VreA^{15}\}
           {khc%in orkyor~p$Vk djuseagrq: i eaiz kox gw/k g&
; gkį
           tjkxg.kr(Vsu fut; k6)un% I r%A
           dr%duh; ku~izkrÜpØorkZ;; kfrukAA<sup>16</sup>
           mtjkxg.krqVu* in ;;kfr }kjk viusi∉ dkspØorklin inku djusdsifr grq: i eni;pr gA
; gkį
           bl izdkj bu l Hkh LFkyka ea dk0; fy3x vyadkj gA bl vyadkj lslEcfU/kr vU; "ykad Hkh voykaduh;
miek %%
           miek dsfo"ksk mnkgj.k ughamiyC/k gkr$ rFkkfi ,dk/k "ykdkaeabl vyadkj dk pk#Ro iklr gkrk gA
dfri; mnkgj.k; gk; fn; s tkrs g&
           JhykHkI Ukx% I R; kI Dr% Loxki oxin%
           t; rkr~f=txRiv; %Inkpkj bokP; \( \psi_{\text{A}} \)A<sup>18</sup>
           f''ky'V inkads kjk VP; r Vk; I nkpkj dschp rayuk dh xbZgSbIfy, kjk VP; r Vk; I nkpkj dschp rayuk dh xbZgSbIfy, kjk VP; r Vk; I nkpkj dschp rayuk dh xbZgSbIfy, kjk VP; r Vk; I nkpkj dschp rayuk dh xbZgSbIfy, kjk VP; r Vk; I nkpkj dschp rayuk dh xbZgSbIfy, kjk VP; r Vk; I nkpkj dschp rayuk dh xbZgSbIfy, kjk VP; r Vk; I nkpkj dschp rayuk dh xbZgSbIfy, kjk VP; r Vk; I nkpkj dschp rayuk dh xbZgSbIfy, kjk VP; r Vk; I nkpkj dschp rayuk dh xbZgSbIfy, kjk VP; r Vk; I nkpkj dschp rayuk dh xbZgSbIfy, kjk VP; r Vk; I nkpkj dschp rayuk dh xbZgSbIfy, kjk VP; r Vk; I nkpkj dschp rayuk dh xbZgSbIfy, kjk VP; r Vk; I nkpkj dschp rayuk dh xbZgSbIfy
; gki
           gÅ
           iikSjk{klon~Hkhe%{krtafjio{kl%A<sup>19</sup>
           Hkhe dh jk{kl dslkFk rqyuk dh tk jgh gå
; gkį
           f"kowo u rąvw ch) nł k foukf"kuhA<sup>20</sup>
           f"ko dslkFk ,d ljy 0; fDr dh rwyuk djrsgq ljyrk dsckjsemins"k fn; k tk jgk g% vr%bu
; gkj
           I ceamiek g(A) blistEcfU/kr \veeU; LFk\vee Hkh ntV0; g(A)<sup>21</sup>
: id %
           bl vyadkj dk iz kox cgają; d LFkykaij gayk gSftuealsiea(k LFky ; gk; m) j.kh; g&
           f\{kin-okD; "kjklurh{.kkllu ik#'; 0; ijlyirkuAA^{22}\}
           ok.kh ij ck.kkadk vHkn vkjki fd;k x;k q&
; gkį
           u Øksk; krøkkuL; /kheku~xPNn/khurkeAA<sup>23</sup>
           Øksk ij ; krøkku ½jk{kl ½ dk vHkn vkjki gævk gå
; gkį
          j{kr~[;kfraiq%LeR;k;"k%dk;L; thouheAA<sup>24</sup>
           ; "k vk$ dk; dschp vHkn vkjki LFkkfir fd; k x; k q$\langle
; gkį
           u I rhuka riknhlra dki; r~Økski kodeAA<sup>25</sup>
           Økskij ikod dk vkjkis fd; k g&
; gkį
           vr%lo≥:id g&
           blh Hkkar vu; LFkykaij bldk lgt iz kox gayk g8<sup>26</sup>
ifjdj %
```

```
bl \forall yadkj dk; =&r= iz, kx qayk q\beta1 mnkqj.kkFk\delta2.
         xqksooknjadqkUu tkrkStkrqrRRoforA<sup>28</sup>
         ij ^rRRofor<sup>*</sup> fo″ksk.k in I kflkik; g$D; k¶d rRo dks tkuus okyk i∉′k LoHkkor% xqkkadk ∨knj djrk g$A
; gkį
         blhizdkj fuEuklidr "ykd eaHkhifjdj vyddkj dk llinj iz kx g&
         i∉"kkclkn~n"kjFkks thoatk; kftrksR; trA<sup>29</sup>
         ^tk; kftrks in I fHkik; g$vr%bu I ceaifjdj vyødkj g$A
; gkį
grq%
         fuEuklidr LFkykeij grqvytdkj dsmnkgj.k Hkh feyrsg&
         nn"kZujddyska I R; uk"kkn~; f/kf'Bj%AA<sup>30</sup>
         ujddysk n"ku eagrq: i 1 R; uk"kkr* dk ipE; Ur iz, kx djusIsgrqvyadkj g&
; gkį
∨Fkok
         i∉"kkclkn~n"kjFkks thoa tk; kftrksR; trA<sup>31</sup>
        Hkh n″kjFkej.k grq Or i∉"kkd dk ipE;Ur iz,kx gyvk gå vr%grq∨yødkj gå
; gkį
ifjl 1; k %
         bl vyadkj dk litinj iz kom fuEukaidr "ykod ea gayk gå
         nkua I RRoferan | kUu i ÜpkRrkinfrkreA<sup>32</sup>
         i"pkRrki i100d nku nsus dk fu'ksk djrsgq I kfRod Hkko ds I kFk nku djus ds fy, dgk x; k gA
; gki
         xqksopknjadqkUu tkrkStkrqrRRoforA<sup>33</sup>
         tkfr dk fu'kkk djrsgq xqkkaeagh vknj Hkko dsfy, funkk fd; k x; k g&
; gkį
         vr%bu I ceaifjl {; k q$\frac{1}{2}}
fo'ke %
         bl vyadki dsfuEukadr nksmnkgi.k feyrsga
         rilk dellkd.kkg.lkmlur; funkfopru%AA<sup>34</sup>
         ril; k }kjk pruk dk lipkj vkj fodkli gkuk pkfg, tcfd ; gkj dijlkd.kZeapruk dk u'V gkuk crk; k
         x; k g& vr%; gk; fo'ke vytdkj g&
        bllojsk /krksef_{\rm N}ul\{kh.k.,o.\}kekif_{\rm r}%^{35}
         błoj ds/kkj.k djusij Hkh pUnek {kh.k qh qkrk q& vr%fo'ke vyzdkj yf{kr qkrk q&
; gkį
fojkskitiki %
         fuEuklidr LFkykaij fojk/kkHkkl vyadki nf/Vxkpj qkrk q&
         nks.kf}\tksHkoPN\n\%"k\n\Up fon\ightg\%{kehA\frac{36}{}}
         tksf}t gkrk g$og "kınız ughagkrk tcfd ; gkankı6.k ¼v"oRFkkek½ dksf}t gkrsgq Hkh "kınız crk; k tk jgk
         g$vr%;gk;vkikrr%fojk%k q$A
         i HkwrkT; Hkwtks tkM; anguL; kI; tk; rA<sup>37</sup>
         vfXu ds "khry gkuseafojkKk irhr gkrk gSfdUrq tkM; dk vth.krk vFkZ yusij fojkKk dk ifjgkj gkrk
; gki
         ďβ
         vr%mHk; = fojkkkHkkl g&
         bl izdkj ; qk; vFkkZyzdkjka ds vUrxir vFkkUrjU; kl dk iz, ks ik; % l Hkh "ykzdka ea qayk qiA blds
vfrfjDr dk0; fy3x vk$ : id dk Hkh db2 "ykdkaeal thnj iz, kx qqvk q$rFkk | kFk qh ifjdj] miek] ifj[{{\frac{1}{2}}}; k]
```

I UnHk7

1- nz le; ekrákl ló Mko jek kadj f=ikBhl Hkoledkl i 0 8&9

fo'ke] fojkskkHkkl vkfn vyadkjkadk Hkh vusd LFkykaij iz ksk nslkk tkrk qå

- 2- Ladr LkfgR; dk bfrgkl ¼ia0 cyno mik/; k; ½i i0 294
- 3- pk#p; k\%4
- 4- pk0p0&9

5pk0p0&53 pk0p0&66 6-7pk0p0&96 8ntV0; &pk0p0&22] 23] 89] 62 vkfn 9pk0p0&9 10pk0p0&2 11pk0p0&4 12pk0p0&5 13nøpk0p0&6] 7] 8] 9] 10] 11 ∨kfn 14pk0p0&4 15pk0p0&11 pk0p0&17 16-17n0pk0p0&28] 29] 30] 39] 45] 46] 48] 49 vkfn 18pk0p0&1 19pk0p0&38 20pk0p0&40 21n0pk0p0&57] 78] 87 ∨kfn 22pk0p0&28 23pk0p0&38 24pk0p0&45 25pk0p0&66 n0pk0p0&77] 78] 79] 80] 96 26-27pk0p0&233 28pk0p0&42 29pk0p0&26 30pk0p0&14 31pk0p0&26 32pk0p0&18 33pk0p0&42 34pk0p0&61 35pk0p0&82 36pk0p0&42 37pk0p0&60



iq;e;h df'k mRiknu izkkyh %,d vifjgk; Zvko"; drk

MWW vthr dekj feJ*

Hkkjrh; thou n"kllk dh vk/kkjf"kyk vk/; kfRedrk dh ftl i BHkfe ij voyfEcr gS ml ealf'V jpuk fo/kku dslelr pjkadh cMh gh mPp Lrjh; ijkofKkfud vFkok vfrekukfld Lrj dh foopuk ilror dh x; h g\$l foKku txr dslelr foe"kl tgkj tM+txr ½ dfr l heklrxir ½ dh gh l hek eavius dksle½ rs g\$lvkj Å tkl dks gh vfLrRoeku i dfr dslelr: i kadk vk/kkj ekurs g\$l oghavk/; kfRed txr-eapru vFkok c²e l Rrk dks gh LFkmy] l ve vFkok dkj.k txr dslelr Lo: i kads egkdkj.k: i eafufobkn: i ealohdkj fd; k tkrk g\$l rRor% vk/; kfRed foe"kl iklr egkiq 'kkadslk/kuk dh ije o pje fu'ifRr g\$l ; s foe"kl pruk ds ml ry ls viuk rknkRE; j [krs g\$l tgkj cfj)] foykl vk\$j LFkmy yk\$dd Kku dslelr foe"kl rPN fl) gks tkrs g\$l rFkk; g vk/; kfRed Kku cfj foykl h tukadsflj ds Åij lsgh fudy tkrk g\$l

okfXx ikK egkfkkxa tua end tMkyl xA¹ करोति तत्वबोधोऽयं तस्त्यक्तो वृभूक्ष्मिः ।।

LFkmy o Hkkfrd psruk ds Lrj ds I eLr fu; kstu o icul/ku rRor% icdfr I hek ds vUrxir gh viuk I eLr 0; kikj itrr djrs g} ml en psru vFkkir-dkj.k vFkok egkdkj.k I Rrk dk ys kek= foe ki itrr ugha gks i krk D; kod I k/kuk ds vHkko en ofi) foykfi; kn dh ogk; xfr ugha gks i krh QyLo: i muds I eLr fu; kstu euksgkjh fn [kus ds ckotm, dkach vFkok vnnjn khi gh fl) gkrs gå bl hfy, txr ds dy; k.k ds fy, I f'v jpuk fo/kku ds dy; k.kkfk Hkkjrh; egkiq kkn o __fk egkRekvkn us thou ds us fxd I #kn dh vuljknr tU; 0; k[; k itrr dh tks oklro en nh?kdkfyd fu; kstu@ icul/ku dh vulje /kjksj jgh gå

ik"pkR; txr dh , fUnz oknhl Hkkfrd vFkok foykfl rkiwkZ miHkkDrkoknh l Ldfr o fpUru usvkt l EiwkZ Hkkjrh; ekufl d] nk"ktud pruk dksbl izkj lsvkPNkfnr dj fy; k g\$fd ml eaHkkjrh; okaxe; dsfnok lanšk vkt nc lsx;sg8vk9 thou eamudh vkpj.kh; vfHk0;fDr vo:) I h gksx;h gA ;gh dkj.k Hkh gSftIdspyrs I EiwkZ O; oLFkk; anfrkr qkrh tk jqh qQA i; kbj.k vk\$ ikfjfLFkfrdh dk vkt v/k%iru qksx; k qQA vr%iR; d fu; kstu o icU/ku dh 0; oLFkkvkaeabu ijkoKkfud pruk dh vu#kfirtU; ckrkadksHkh mueaIfEefyr fd; k tk; rHkh bu icU/kukadsIdkjkRed ifj.kke ikIr gksIdrsgA ofnd dFku gSfd **tfk [kk;svUu ofk gksseu** vr% ru] eu dh i il llurk o vkfRed rflr dsfy, "kfip"khy [kk | kllukadsmi Hkks dk gh funit k vk; 1 xijFkka i sikir gkrk q\$\text{\text{1.}} thou dspje o ije vHkhrV I ([k vFkok "kkfir dsikfir dsfy, vue; dksk dh I (prk vifjgk;]: i Is vis{kr g& bruk gh ugh&JhenHkxorxhrk dk vej lansk g& fd **HkatrsrsRo/kZikik;sipbR;kRedkj.kkr² vFkb?r tksykox ek= vius "kjhj iksk.k dsfy, qh vlu idkrsq&osrksiki dksqh [kkrsq& /; ku nous; kk; jqL; dh ckr ; a gSfd; fn /kkU; kUu vifo= gSrksmlls "kjhj dk li{k.k rksgkstk; xk y\$du ml vUu dsHk{k.k ls0; fDr dk vkfRed fodkl vo:) gkstk; xkA blfy, "kkL=kaeslk/kqLo: i lariq 'kka dksbfUnz, okfn; kads/kkU; dks xg.k djusts Hkh jkodk x; k as vuu o /kku; dh ifo=rk ml dh mRiknu fof/k; kelsah i Hkkfor akrh as , funz oknh Hkkx foykl esje.k djusokyk 0; fDr vR; kf/kd ikflr dh vkdkákk ealk/ku dh l (prk vFkok ifØ; k dh ifo=rk dks utj vnkt dj nrk gå vr%fu'ifr vifo= gkstkrh g\$vk\$ ml /kkU; dks"kkL=kaeaviF; dgdj ykxkadksmls xq.k djus I sjkodk qAA D; kAd , sl k /kkU; ykxka ea ykblk] eksq] Hk; vkfn i Snk djus okyk qkork qAA mldh i kflr I s *vfl LVW ikQs j] Hocksy] yk0 c0 "kk0 egkfo ky;] xksMk] m0i0

vFkZflf) dk vkHkkl rksgkrk gå ysdu rRor%og vFkZflf) ughagsvkj og ijekFkZflf) eaHkh ck/kd gkstkrk gå vfr ikphu dky Isgh Hkkjrh; vFkØ; oLFkk dks/keZkkL= Isgh tkMejj nskk tkrk jgk gå vFkZkkL= dks, d/keZkkL= gh gkkuk pkfg, A /keZkkL= rks, d idkj dh f″k{kk inku djrsgåfd gekjh ekæ ea vuqkkl u ds sishk gks vkj vi0; ; ka ea ds s den gkå ekæ; k vko″; drk ea vuqkkl u ykus dh nf′V IsHkkjrh; o.kZ0; oLFkk dk fo/kku vuqlj.kh; gå³, uOchOvkjOvkbD ds funskd MkNO ihO iqikænu dk ekuuk g\$fd Hkkjro′kZea ikphu dky Isgh tå fofof/krk ds Ij{k.k dh, d v{kq.k ijEijk jgh gå oV o{k dh intk] ihiy dh intk] rgylh ds pkssij tyusokyk fn; k] vkæxu ea rgylh dk ikSkk jksiuk] ijh ds pkoy dk Hkkex] uhe dh Nkp] gYnh&panu dk fryd Ic ds Ic Hkkjrh; __f′k] equ; ka dh ofkkfud ij [k vks tsod fofo/krk ds Ij{k.k ds fy, mls/keZ vkLFkk Is tkMus dk vueksy uh [kk dkbZ Hkkjrh; __f′k&equ; ka Is Ih [kåA

vkt dh t**s**od df'k 0; oLFkk , d 0; ol k; dk : i ysjgh g**%** tgk; jkl k; fud df'k mRikn 10 : i; sfdyks fey jasasoah tsod miknu blasabi xuh vf/ka aher aks nusasi "pkr~ah miyi/k aksjak as , s tsod df'k mRikn Hkkjrh; vFkD; oLFkk Isckgj gS; g tu dY; k.k dsfy, ugh gA exj vkt c<rh vkcknh dslkFk Hkkjrh; bu 365 iztkfr;ksdk Hkxoku dk Hkkx rksyxk I drsgåijUrqviuh tul {{;k dk i}{/} ughaHkj I dr& mldsfy, rkspkoy dh vf/kd mRiknd itkfr qh pkfq, tksHkjij Qly nA blhfy, cnyrsifjosk@le; dh t: jrkadksnf'Vxr djrsgq vkt dsHkkjrh; df'k oKkfud le; dh t: jr dksigpkursgq viuh okuLifrd Lig(k.k dsfy, thu cital dh LFkkiuk dj jgaga I kFk gh VkUI thuh vf/kd mRiknd pkoy dh iztkfr; kaHkh [kkst jgag®⁵ blealang ughag\$fd df'k ds{ks= eax\$ ikjEifjd jklk; fud molidkso ik8kkadsloj{kk grqiz, Dr gksus okys tgjhys jlk; uks ds iz kx ds pyrs mRiknu nj ea of) rFkk ikSkka ds dhWka o chekfj; ka ds cpko ds pyrs [kk | ku dsmRiknu eanks xwuk] rhu xwuk o bl I sHkh vf/kd dh of) nt2dh xb2q\$vk\$ bl h mRiknu o dekb2dh pkq ea Hkkirh; d'kd df'k ofkkfud o rFkkdfFkr m|kx ifr tks df'k Is I Ecfi/kr x\$ ikjEifjd mojjdka o dhVuk"kd jlk; ukadk mRiknu djragåos brus váks o LokFkhZgks x; s gåfd muds dkjukeks I s df'k ikfjfLFkfrdh; ræ cgr qh chekj vLokLFkdj o v/k%fLFkfr dksiklr qksx; k q& vkt df'k ikfjfLFkfrdh vfr n; uh; fLFkfr dks iklr aks x; h aß nók as tksinók afók mRiknu ah nfóV I sftrusah vkxsaß ogha ah afók ikfjfLFkfrah mruh ah n; uh; o fpllruh; vol.Fkk dksiklr gksx; h gå I gh dkj.k fd vkt primå tiod df/k dh ppk/gksjgh gå diN ykx tho oKkfud⁶ o fopkjdx.k de ykxr rFkk Lákr df²k⁷ i)fr;kadsviuk;stkusdh Hkh ppkZdj jgagA dN ncslgealoj eaikphu Hkkirh; df'k i) fr; kå dksiqu%viuk; stksdh odkyr dj igagA dkbZ, d fuf"pr er ml fn"kk eaitlkkfor : i Isvorfjr ughagksjgk gå df'k ds{ks= eavHkh ofKkfud rduhd o jklk; fud fuosk dspyrs Hkkjrh; df'k i}fr ea vR; Ur fxjkoV vkb2 gA ; g nsk tgk; g tkjka o 'k2 i no2 I s Hkxoku dks 365 fdLe ds pkoykalsHkkx yxk; k tk jgk g\$fQj tgk; df'k dksi"kdku dk lkgp; Ziklr qksjqk q8 Hkk&rd lef} dspvrsqh vrhrdky ea/ku&/kkU; IsiwkZHkkjr dksIkusdh fpfM+k dgk tkrk FkkA; g Ic eaxy dkyhu o farkuh gadaer dh xwykeh dsnkij eargl & ugl gks x; hA Hkkjro'k Zdsdvý o dkfQjr dk lennzle > dj; gk; dh leLr lef} dks ekys xuher⁹ o "Q\$" ekudj ywk x; k rFkk ; qk; dh e; khk dks rkj&2 dj fn; k x; kA i wik ∨; h≥ , d k, dkxh o d'V dkjd gks x; k fd væsth geplær elyBh Hkj xnnkj Hkkjfr; kads fy, foykfl riwki thou fcrkus ds fy, vuipling vR; Ur rFkk fojkVvkoke ds fy, d'V Lo: i gh fl) giptk D; knjd vFk0; oLFkk vius jktusrd <kps ds Hkhri ah dk; Zkhy akrh a\$ vk\$ ftu phtka dk iktuhfr ij i\text{lkko akrk a\$ mudk o\$ k ah vPNk ; k cijk i\text{lkko} vFkO; oLFkk ij iMrk qO bl idkj fcfV"k gydner dsnk§ku tksFkkOMecgyr fdlku df'k eafuosk di mRiknu di jgs Fks os vius mRiknu dhokftc dher ughaik jgs Fks vk\$ /ku ds vHkko ea HkkjrokIh mIs [kjhnus ea v{ke Fks D; kaid mudsikl is k ugha FkkA yk [kka dh laf; k ea ykx dky dsxky ea lek jgs FkA 10

I Eiwkī fo"o ea vkt fufobkn: i Is; g Lohdkj fd; k tk jgk g\$fd x\$ ikjEifjd jkl k; fud [kknkao dhV [kjirokj dh tgjhyh jl k; uka ds pyrs df'k; kk; Hkhie dk gh fouk"k ugh rksjgk g\$cfYd I Eiwkī df'k ikfjfLFkfrdh ræ ij bl ds i Mus okys ds dijblko dks n{kk tk l drk g\$ l Eiwkī mRikfnr df'k mRikn@mit xqkoRrk dh nf'V I s?kfV; k o gkfudkjd fl) gksjgag\$ bl jkl k; fud [krh l sHkhie vk\$ fdl ku nksukagh u'V gksjga, sh fo'ke ifjfLFkfr; kaeat\$od [krh dks, d vk"kk dh fdj.k ds: i ean{kk tk jgk g\$ftl ds pyrsfeVVh dh l j {kk ds l kFk&l kFk fdl kukadh [kr/kgkyh Hkh cuh jgrh g\$ l kFk gh l kFk cgqvk; keh df'k ræ dks fodkfl r djds df'k ds {ks= ea Hkkjh l Qyrk i klr dh tk l drh g\$ df'k i kfjfLFkfr dks LoLFk cuk; sj [kus ds fy, i jEijk vk\$ foKku dk, d l thnj, oa food i wkī l a kstu vko"; d gks tkrk g\$

vkt niju; k dsleLr fodflr niškka ea tiod mikiknka dh [kir c<+jgh gSmls, d 0; kid cktkj iklr gks jgk g\$rFkk Hkkjr t\$sle) df'k i/kku nsk dksvkt t\$od df'k dsLox2ds: i ean\$kk tk jgk g\$^11 jklk; fud mojldkadh txg vkt tå mojldsdsviuk; s tkusij dkQh tkj fn; k tk jgk gå¹² ikphu Hkkjrh; df'k ijEijkvkads vulj kj vkt ilu%gjh [kkn iz kx dksikR] kfgr fd; k tk jgk gB QI ykadsifr: i rFkk [krh dh fof/k; kaij vkt fo"ksk /; ku fn; k tk jgk gå blds vfrfjDr vkt tusVd bathfu; fjax vFkok VkUl thuh¹³ df'k mRiknkadslanHkZeaHkh mRre Lrjh; vuljakku dk; Zpyk; k tk jqk q\$A; q l R; q\$fd vkt df'k ds {ks= eavfr mPp Lrjh; vuq akku qksjqk q\$rFkk /kjrh ij c<rh qqbz vkcknh dh {kqkk i firz dh fn"kk ea vk"kkrhr I Qyrk Hkh ikbZ x; h qS ysdu oskkfud [kkstka ea , sUnz oknh vfllk: fp; ka us , s v us , s ku ka dks l ns; ds?kjka ea ykdj [kMk dj fn; k g\$ftu miØekavFkok "kkgkkalsHkkoh I d\$Unr gkrsgå tsu\$Vd o VKUI thuh [kk|kUukadsvu) åkkukarFkk chtka ds i \$/\$Vhdj.k us xjhc vFkok fodkl "khy nškka ds l e{k vkt cM# qh tfVy ifjfLFkfr; ka dks mRiUu dj jqh q& dghacht I fin X/k gks mBrs gfirks dghaudyh [kkn j I k; uka ds i z ks I s mRi knu dh I EHkkouk vR; ar {kh.k gks t krh as vfr fodfir nikk viuh bi rduhdh ifof/k; kais fodki "khy nikkadh dfik nikkvkadks pks V dj naks r Fkk mllas vius LFkkb/Z xqyke nškka ea l qkkj djyus dh fn"kk ea l Qy gks tk; xxxx ; g Hkh dFkuh; gSfd Hkq[kka ejus okys xjhc nškka dsykxks dk /kekkūrj.k Hkh vkl kuh lsfe"kufj; ka dj ldaxhA blh Øe ea , sh ofkkfud df'k i) fr; ka fodfir dhitk jgh g\$ftleab1kb2/ke2iHkAo lEiUu jk'Vavklkuh inod vius/ke2dk folrkj djildxA¹⁴Hkkjr , d vfr ikphu jk'Vaq& bruk ikphu fd tc bldk tlle qw/k Fkk rc niju; k ds vll; jg jgs ykxkadh vk;[k Hkh ugha [knyh Fkh fd tc ge Hkkjr ds ykx l Lldkj }kjk fo"oexy ds fy, thou n"klu vkj l Lldfr dk fueklk dj jgs Fks rc Hkkjr dh I ladfr f"k[kj ij FkhA vkt ds rFkkdfFkr I H; ng kka ds ykx vius "kjhj ij xmuk xmk; s vk\$ xurkaxks dks i Rrh Nkyka I s < Ddj danjkvka ea jg jgs FkA¹⁵ to ge vius x.knork dks Niiu idkj ds 0; atuka dk Hkkx yxkdj izkn ckz/k vks ikkkuk dj jasksrc osykx dPpk ekz [kkdj viuk mnj Hkj jaskk vkt vfr oKkfudrk dh nkM+eadgh ge HkVd u tk;avk\$ gekjh fodkl dh xfr dghaudkjkRed fn"kk eau pyh tk; bldsfy, vko"; d g\$fd ge ek= Hkk&rd fodkl iklr djusds tk"k eaviuk ge fooid vFkok tk"k [kksu cBa ftllsgekjk, dkækh fodkl værn% fouknk dk gh: i ysyA bldsfy, vkon; d gSfd ge foKku vkS ijEijkvks dk, d I nj I a kstu r\$kj djaftl I s ge vius Hkkoh fodkl dks I Hkhphu fn "kk o n "kk i nku dj I d\$A

vkt l Eiwkl Hkkjr o'kl eal akr [krh ½ Sustainable Agriculture½ dsfy, uohu df'k i) fr; kadk "kkok ijd ijh{k.k fd; k tk jgk gå vfr ikphu dky l sgh Hkkjr eanh?kl thoh l etjur df'k 0; oLFkk jgh gå [krh dk dk; l Hkkjrh; kadks ek = vkfFkld l ef) gh ughajgh gå cfYd muds rflr vkj l arfiv dh , d vuije thou; kiu izkkyh ds: i eajgh gå vkfn dky l sgh Hkkjr , d df'k i/kku nok jgk gå df'k viuh fofo/krk dh nf'v l s vR; Ur l e} FkhA df'k ds l kFk gh i "kijkyu ij Hkh ; gk; vR; f/kd /; ku fn; k tkrk jgk gå enu eksju d'.k rks bl hfy, i i i; l e>s x; s D; kind i kjyklådd l an Hkkå ea xksykod ½ cådq B½ ds v/kh" oj rFkk bl yklådd txr ea os xksi kyd o ykod l axg ds l Eokgd gå i kphu dky ea nok ea jkl k; fud df'k dk ; gk; ukeklåu"kku Hkh ugha FkkA tåod [kkn ds l an Hklæ; gk; ds l ekt ea , d i pkfyr ykodkåDr dgkor jgh gå d* [kkn dk < ngk u Vjå HkkX; fy [kk Vfj tk; ** vkjå bl h tåod moj dkadh l gk; rk l s; gk; cMh gh l etjUkr df'k dh tkrh jgh gå.

vurphy Hkkskisyd ifjosk eal japukLFk I kjo/kkvkadks ikIr dj tiod@ i M& i kisks LoLFk gkrs gis vis kf/kd fodki r gkrs gis mudk cht Hkh LoLFk gkrh gis vis LoLFk cht I s gh LoLFk Hkkoh tiod txr dh I EHkkouk gkrh gis ; g vo/kkj.kk vfr i kphu gis vurphyrk rFkk vko"; d ?kVdka dh i fji ji drk gh LoLFk j puk dk grq gis vk/kijud fokku fo"o ds i dfrd i fjosk ea i k; s t kus okys fo"kkyre o (k dks o Kkfud i) fr I s m I s v kj Hkh cMk ugha dj I dk gis fokku dls mi kns, rk I ki (k Lrj dh gh mi yft/k gis ft I ds I dkj k Red o udkj k Red i (k I e; ds I k Fk gh I k Fk mt k xj gkrs pyrs gis vrhr I s i k I r gkus o k y s i e (k | k k k ka dh fofo/k fd Leks dk v fo'dkj rks df'k fokku us dj fy; k g s y s du og fd I h u; s fd Le ds x gij t k j e D dkj pkoy v k fn dh r j g gh fd I h u; s [k k | k l u k v fo'dkj ugh dj I dk g s v kj ; g Hkh Li V g s fd v k fn dky ea [k k | k l u mn Hko dky I s v k t r d v u fxu r v u phyrkv k s v kj i fr dnyrk v ka ds n kj ea; s I E i w k t txr x a t j p p k g s f Q j Hkh m I ds Lo: i ea dk b i f j or i u ugha g y k A Hkkjrh; df'k eu h f'k; ka us o x i dks , d fo L r v k; ke fn; k r F k k m I f Ø; k dks n s k @ I e k o e u h; ds v k L F k ke; h I j k k k j s t k k f I I s v r h dky I s g h Hkkj r o'k ea, d fe J r i k j dh df'k 0; o L F k v f L r oe u j g k k t i d k v k; r eg Roi w k e k g s ; g Hkh /; k r 0; g s fd I u k r u I k d f r ea x k s i w t k d k s v R; r eg Roi w k e k g s , g Hkh /; k r 0; g s fd I u k r u I k d f r ea x k s i w t k d k s v R; r eg Roi w k e k c j k u g ha r k s mi p k t d s k t g k t h h h h i d k j ds d f k fodki dh I b k kou k g h m R i l u ugh g k I d r h F k h t c j k u ugha r k s m i p k j d s k t g k t g k t d k t g k j k t g k t d k t g k j k t g k t g k t d k t g k j k t g k t d k t g k j k t g k t d k t g k j k t g k t d k t g k t d k t g k t d k t g k t d k t g k t d k t g k t d k t g k t d k t g k t d k t g k t d k t g k t d k t g k t d k t g k t d k t g k t d k t g k t d k t g k t d k t g k t d k t k t d k t g k t d k t g k t d k t d k t g k t d k t d k t d

"kksk.k gkrk gSogk; icaku vFkok Ij{k.k dh vo/kkj.kk gA laukru /ke/Iladfr ea R; kx vkj ojkk; e; h ofRr ds pyrs fdl h Hkh fLFkfr ea folaxfr dh ckr l kph Hkh ugha tk l drh FkhA bl thou i) fr ea l dy l Eink ij Hkxoku dk gh vkf/kiR; le>k tkrk jgk gSvkj l n& mllgha dksvfilr dh tkrh jgh gA pjeiph ck5) dka}kjk tks i}fr ijkl h tk jgh gSmuea; k rksvf/kd iklr djus dk ek= gSvFkok 0; oLFkk dks, dne df=e dj nsus dh pkgr ftleadaN Hkh usl fxd Hkko Ispyrsnsus dh bPNk ughafn[krhA

; g Hkh dFkuh; g\$fd tc rd Hkkjrh; df'k 0; oLFkkvkadksiq; e; ifof/k; kads vuq i ughadj yrs g\$rc rd geafons'kh Ig; kox dh vi{kk o vko"; drk g\$mIs ge Ig'kZ yay\$du Irr i; kI djds vius dks bI vikdfrd] df=e o "kksk.k ijd df'k 0; oLFkk Is "ku%" "ku%" mckja bIh Is Icdk dY; k.k g\$A

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- 1& v'VkoØkhrk] 15@3
- 2& JhenHkkxorxhrk] 3@13
- 3& gj fnu pkoy dhu; h iztkfr I syxrk gSHkkx----- n**s**ud tkxj.k jfookj 30 tuojh] 2005 i 0&1
- 4& ogh i 0&2
- 5& Organic food production in India B.P. Bhattacharya 15 B.N. 81-7754-228-1 Agrobious (India) Jodhpur
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- 8& ∨k/knjud Hkkjr dh ∨k/knjud dgkuh] Mh0, p0 ch/kuh izdk″ku foHkkx] I npuk , oa ial kj.k eæky;] Hkkjr I jdkj] ubZfnYyh 1972 i 0&56
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- 15& Hkkuqirki "kpy] jk'V^afpUru] n**s**ud tkxj.k fduke 15-01-96 i0 8A



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ykadrki=d "kklu dslipkyu o mldh l Qyrk dsfy, jktuhfrd ny vfuok; IgA jktuhfrd nykadk xBu diN fuf"pr fl)krk; kao dk; Dekads vk/kkj ij gkrk gA l kekll; r% dkb2 Hkh 0; fDr fdlh ny dh uhfr; kao dk; Dekals i Hkkfor gkadj gh ny dh l nL; rk xg.k djrk gSvkj l kekll; fuokipu eaml ny fo"ksk ds l nL; ds: i eafuokipr gkadj fo/kkf; dk dk l nL; curk gA vxj jktuhfrd ny viuh eny uhfr; kao dk; Deka l s HkVdus yxs rks ml volfkk eja fdlh l nL; ds ny NkMus dksl) kind o usrd nf'V l s vulipr ughadgk tk l drk gA i jlrq ns'k dh l a n o fo/kkul Hkkvka ea gks jgk ny&cny l) kind vk/kkj i j de] 0; fDrxr ykHk; k Lokfk/dh nf'V l s T; knk gks jgk gA vkt Hkkjr ea ny&cny us, d jktusrd l eL; k dk: i /kkj.k dj fy; k gA bl i dkj l) kind: i l s ny&cny dkb/vulird dk; l ughagSD; kind 0; fDr ds fopkj dHkh Hkh cny l drs gja fdlrq l Rrk vkdki(kk ds o "khHkar gkadj ny&cny djuk vulipr dk; l gA

ny&cny Hkkjrh; Linh; 0; oLFkk dk vfHklu vax jgk gå ny&cny LinkfBr nyh; 0; oLFkk ds vHkko dk ifj.kke gS vkj fdI h Hkh nSk dk jktuhfrd 0; oLFkk ds fy, ; g , d fodfr gå vk/kfjud LoSkkfud "kCnkoyh eany&cny griftu "kCnkadk iz kx gks jgk gå os gå%

pplitax vFkok Økflax vkMD ¶ykll½ MQ"klcnyuk vFkok Q"kldsikj tkuk½ dkil½ Økflax ¼, d xyhpsls niljs xyhps dsikj tkuk½ ikMyfVdy Vu&dkfVTe ¼vko"; drkuljkj jktulird dkV cnyus dh uhfr vFkklr voljokfnrk½ ikMyfVDI vkMD vijkpljuTe ¼voljokfnrk dh jktuhfr½ ikMyfVDI vkMD fMQD"ku ¼viusurk] ny vFkok fl }krkadsifr fu'Bk R; kxus dh uhfr½ vkfn -------A¹

nk"ktud: i eany&cny vlgefr dh pje ifj.kfr g\$\lambda ljy: i eaoslnL; tksjktuhfrd ny dh fopkj/kkjk lslger ughag\$i; k mlsilan ughadjrsvk\\$ viusnyxy laz\k R; kxdj viuh fu'Bk eaifjor\u dj yrsg\$irc mlsny cny dgrsg\$\lambda

 $ijijkxr\ linh;\ 0;\ oLFkk\ eany\&cny\ dh\ if\emptyset;\ k\ dsfy,\ \Pykj\ Økflix*\ NQ"klikj\ djuk½ii;\ kx\ fd;\ k\ tkrk\ gS ftl\ "kCn\ dh\ 0;\ kjifRr\ fcl/su\ dsyksd\ lnu\ eagkpl/ftlealnL;\ lRrk\ i{k}\ o\ foi{k}\ yxHkx\ vkeus&lkeus\ cBrk\ gS, , sh\ fLFkfr\ eatc\ dHkh\ dkb2lnL;\ , di{k}\ smBdj\ nwljsi{k}\ eaQ"klikj\ djdspyk\ tkrk\ gSrksmls\ \Pykj\ Økflix\ dgrsgsA bl\ ¶ykj\ Økflix\ lslRrk\ i{k}\ o\ foi{k}\ vfLrRo\ tVHk\ gkrk\ gS\ nykadk\ /kophdj.k\ gksdj\ ljdkj\ dsvfLrRo\ dkspuksrh\ nh\ tk\ ldrh\ gS^2\ bl\ nf'V\ lsny&cny\ , d\ xHkhj\ jktusrd\ leL;\ k\ gS$

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- 2- fdlh lån lnL; vFkok fo/kkf; dk dksviusny dksNkMej ckn eafunZyh; cu tkukj
- 3- vke puko eafuniyh; : i eafuokipr gkuk vkij ckn eafdlinny fo"kik eal feefyr gks tkuki
- 4 vius ny dheny uhfr; kadk fojkik djrsgqs nyh; I prdkadsfuniškkadks u ekuuk]

5-jkuhfrd inkavk\$ LokFkZdsfy, nuljsny ealfEefyr gkstkuk vkfnA3

*, I ksl , V i kQ1 j] jkt ulfr "kkL=] yk0 c0 "kk0 egkfo | ky;]] xksMk] m0i0

I #kk/k d"; i ds "kCnkaeaÞfdIh fo/kk; d dk viusny vFkok fun¾h; ep dk ifjR; kx dj fdIh vU; ny eatk feyuk] u; k ny cuk ysuk ; k fun¾h; fLFkfr viuk ysuk vFkok viusny dh InL; rk R; kxsfcuk gh c¶u; knh ekeykaij Inu eamIdsfo:) ernku djuk ny&cny dgykrk gÅß⁴

ny&cny dk bfrgkl mruk gh ijikuk g\$ ftruk fd ikphuu nyka dk vfLrRoA fcWsu] vkLVfsy; k] dukMk] vefjdk o U; kthy\$M t\$ sifjiDo o mUur ykkdrki=d nskkaeany&cny dh ?kVuk; acjkcj gkrh jgh g\$ ik; % dgk tkrk g\$ fd fcWsu ea tksny&cny gq so I {{; k ea cgr gh de rFkk cgr gh cMs-I \$} klird erHknkads dkj.k gh gq] fo/kk; dka dk LokFk&fl f) dh Hkkouk vFkok inyksyirk ds dkj.k ughj fdUrq okLro ea; g /kkj.kk rF; kads fo:) g\$ fcWsu ds inoZ i/kkuea=h fofy; e Xy\$MLVu] foLVu pfpJy] j\$ ts e\$ MksuYM ny cnyqvkadh Jskh ea gh vkrsq\$

; | fi Hkkjr ea 1857 ds i no Z Hkh ny&cny dh ?kVuk; a gkrh j gh gh i j llrq 1967 ds vke p quko ds i "pkr ny&cny brhu rsth Is gksuk "kq gqs fd; g I hnh; 0; o L Fkk ds I e {k, d x Hkhj I s dV I k cuus y x kA b I vo f/k ea ny&cny dh v f/k dk z k k v k; a m R r j & i n s k] gfj; k.kk] fcgkj] e/; i n s k] i at kc o i f "pe cak y v kfn j k T; ka ea g h R m R r j & i n s k dh p k fkh fo/k ku I Hkk 1967½ ea p k s k fl g ds I k fk 17 fo/k k; dka us dka x l I s fudydj i gys 't u dka x l * v k s f Q j 'H k k j r h; Ø k fr ny * dk fuek Z k fd; k] Qy Lo: i dka l j dk j dk i r u g k s x; k A I h O c h o x h r ½ dka x l ½ dh t x g p k s k f I g ds u r R o ea, d fef J r e f = e. My dk fuek Z k g y k A

gfj; k.kk ny&cny dh iz ksv"kkyk jgk gå 1967 ds vke pupko ds QyLo: i fo/kkul Hkk ea dkaxal dks Li'V cgept ½dsy 81 LFkku ea Is 48½ iklr guyk] Hkxor n; ky "keki ds ustro ea dkaxal ea e. My dk xBu guyk fdllrq dan I Irkg vI ran dkaxal h fo/kk; dka us dkaxal I s vyx gkodj ^gfj; k.kk dkaxal * uke I s, d u; k ny cuk fy; kA funiyh; I nL; ka us 'uohu gfj; k.kk ny ds uke I s, d ny cuk fn; kA bu nkouka us I kFk feydj I a in ekpi dh I jdkj cukb] ft I ds ea e h jko foj bnz fl g cush

blh izlkj ekp] 1967 IsvxLr 1969 rd fcgkj ea N% ea e. My cnya bu likh ea ea; ea h Lo; a ny cnyw Fks vkj rhu ea e. Myka ea rks "kr&ifr"kr ea h ny&cnyw gh Fka ny&cny ds dkj.k prakl vke pako ds ckn ea nks ckj jk'Vi fr "kklu ykxw djuk i MkA⁵ blh i zlkj i at kc] e/; i nskj i f" pe caky ea i kh bl vof/k ea ny&cny ga a

jktusind vfLFkjnk ds bl le; ea eN; ka ds âkl nFkk fu'Bk ds inu dk , d , slk nksj ikjilk gopk ftleany&cny dh i dfr vius lokt/kd nhikn i {k ds lkFk mHkj dj lkeus vkbA miyC/k vkdMka ds vuq kj ekp] 1967 ls fnl Ecj] 1967 nd daby ukS ekg dh vof/k ea jkT; fo/kkue. Myka ds day 3447 lnL; ka ¼gekpy inšk , oa f=i jk ds lnL; ka dks NkMelj½ ea ls 314 lnL; ka us ny&cny fd; k] nks day lnL; ka dk yxHkx 9 ifn kn gknk gs buea funJyh; lnL; Hkh "kkfey Fks tks jktusind in vFkok /ku ds yklik ea fuladkp: i ls ikfV²; ka cnyrs jgs , d lotkk ds vuq kj 1969 nd ny&cny dh yxHkx , d gtkj ?kVuk; a gq h ftuea 350 lnL; Hkkxh Fks ny&cny djus okyka ea dn , sl s Hkh lnL; Fks ftUgkaus db² ckj ikfV²; ka cnyhA , d lnL; us ikp ckj ny&cny fd; k vks mlds QyLo: i og daby ikp fnuka ds fy; s eæh in dks ikln dj ldkA bl h idkj vDVrcj ls ydj uocj] 1967 nd daby mRrj inšk ea 42 lnL; ka us ny&cny fd; } ftuea vkB lnL; ka us nks ckj ikfV²; ka cnyhA , sl k vuæku gSfd in; td lkn fo/kk; dka ij , d lnL; ds fgl kc ls ny&cny gq sl kny&cny ds bl 'vk; kjke] x; kjke* ds: i ea 180ha "krkCnh ds, d dfo dh; s isDr; ka lehphu gs &

Here and there some stern high patriot stood. Who could not get the place for which he sued.⁹

; g mYy{kuh; g\$fd 1977 ds ckn ny&cny us,d u;k:i/kkj.k dj fy;kA vHkh rd tks Hkh ny&cny gqs Fk} os fdlh,d;k diN fo/kk;dka}kjk gh fd;s x;s Fks yfdu 1977 vkj 1980 ea l Ei wkZ l j dkj}kjk ny&cny dh nks ?kVuk;a gqh tks vR;f/kd vk"p; /tud Fkhh 1977 ea ftl le; dbinz ea ^turk i kVhZ us l j dkj dk fuekZ k fd;k] fl fDde ea dkaxl ny dh l j dkj Fkh yfdu t\$ sgh dbinz ea ^turk i kVhZ l Rrk ea vk;h] fl fDde l j dkj us vi uh fu'Bk turk i kVhZ ds i {k ea cny dj Lo;a dks turk l j dkj gksus dh ?kksk.kk dj nhA 1980 ea tc fQj dbinz ea dkaxl 1/5½ dh l j dkj cuh rks fl fDde l j dkj us turk i kVhZ l s l sc/lk&foPNsn djus vkj dkaxl ny ds i fr vi uh fu'Bk gLrkrfjr djus dh ?kksk.kk dhA bl i dkj l j dkj i u kskl l j dkj ea cny xbA; g Hkh vk"p; /tud rF; g\$fd bu nksukagh vol j kai j dkth ybNi gh e{;e=h in i j vkl hu FkA

blh idkj 22 tuojh] 1980 dks gfj; k.kk dh turk ljdkj us viuk jæ cny fy; k vkj eq[; eæh Hktuyky vius 37 lkfFk; kalfgr dkæd ny ea tk feys vkj Hktuyky ds urko okyh turk ljdkj dk : i/kkj.k dj fy; kA ny&cny dh mil, pr ?kVuk; ald nh; turæ ds bfrgkl ea fcYdøy vuk{kh Fkhæn 10 kkj.k dj fy; kA ny&cny dh mil, pr ?kVuk; ald nh; turæ ds bfrgkl ea fcYdøy vuk{kh Fkhæn 10 kkj.k dj fy; kA ny&cny dh mil, pr ?kVuk; ald nh; turæ ds bfrgkl ea fcYdøy vuk{kh Fkhæn 10 kkj.k dj fy; kA ny&cny dh mil, pr ?kVuk; ald nh; turæ ds bfrgkl ea fcYdøy vuk{kh Fkhæn 10 kkj.k dj fy; kA ny&cny dh mil, pr ?kVuk; ald nh; turæ ds bfrgkl ea fcYdøy vuk{kh Fkhæn 10 kkj.k dj fy; kA ny&cny dh mil, pr ?kVuk; ald nh; turæ ds bfrgkl ea fcYdøy vuk{kh Fkhæn 10 kkj.k dj fy; kA ny&cny dh mil, pr ?kVuk; ald nh; turæ ds bfrgkl ea fcYdøy vuk{kh Fkhæn 10 kkj.k dj fy; kA ny&cny dh mil, pr ?kVuk; ald nh; turæ ds bfrgkl ea fcYdøy vuk{kh Fkhæn 10 kkj.k dj fy; kA ny&cny dh mil, pr ?kVuk; ald nh; turæ ds bfrgkl ea fcYdøy vuk{kh Fkhæn 10 kkj.k dj fy; kA ny&cny dh mil, pr ?kVuk; ald nh; turæ ds bfrgkl ea fcYdøy vuk{kh Fkhæn 10 kkj.k dj fy; kA ny&cny dh mil, pr ?kVuk; ald nh; turæ ds bfrgkl ea fcYdøy vuk{kh Fkhæn 10 kkj.k dj fy; kA ny&cny dh mil, pr ?kVuk; ald nh; turæ ds bfrgkl ea fcYdøy vuk{kh fkhæn 10 kkj.k dj fy; kA ny&cny dh mil, pr ?kVuk; ald nh; turæ ds bfrgkl ea fcYdøy vuk{kh fkh fkh nkj.k dj fy; kA ny&cny dh mil, pr ?kVuk; ald nh; turæ ds bfrgkl ea fcYdøy vuk{kh fkh nkj.k dj fy; kA ny&cny dh mil, pr ?kVuk; ald nh; turæ ds bfrgkl ea fcYdøy vuk{kh fkh nkj.k dj fy; kA ny&cny dh mil, pr ?kVuk; ald nh; turæ ds bfrgkl ea fcYdøy vuk{kh fkh nkj.k dj fy; kA ny&cny dh mil, pr ?kVuk; ald nh; turæ ds bfrgkl ea fcYdøy vuk{kh nkj.k dj fy; kA ny&cny dh mil, pr ?kVuk; ald nh; turæ ds bfrgkl ea fcYdøy vuk{kh nkj.k dj fy; kA ny&cny dh mil, pr ?kVuk; ald nh; turæ ds bfrgkl ea fcYdøy vuk{kh nkj.k dj fy; kA ny&cny dh mil, pr ?kVuk; ald nh; turæ ds bfrgkl ea fcYdøy vuk{kh nkj.k dh nkj

bl izlkj ny&cny us, d xblkhj jktubr leL; k dk: i /kkj.k dj fy; kA vo ljokfnrk db bl jktubr usykdræ db ubo fgykdj j [k nbA /ku o jktubrd nykadsizykblku usfo/kk; dkadksny&cny dsfy; s i sjr fd; kA fo/kk; d , d ny dks NbModj nb jsny ea fu% odkp feyrsjgsftl dsifj.kkeLo: i ljdkjkadk rsth ls cuk; k o fxjuk "kq govkA blls vfLFkjrk dks c<kok feykA ljdkj db vfLFkjrk ds dkj.k i tkkl u fodkl; kstukvka dks i blkkoh <ax ls ykxw ugbadj i krkA pod gekjs; gkajktubrd vpj.k , oa 0; ogkj ds dkbl fur prekun.M ugbags vks l Rrk o in db egRokdkakk eq; i jd "kfDr gs vr% ny&cny us i pfyr jktubrd ds vfoblkkT; vax dk: i /kkj.k dj fy; kA myys[kub; gsfd ny&cny db funk o blkRl luk djusea l bkb nyka us eq[kj blkbedk fublkkb] i jarqbl ls ykblkbflor gkusea fd lb dksblkb, rjkt ugbagkrk gs l

nšk eafofiklu oxkālsny&cny dksjkdusdsfy, dkb/mfpr mik; fudkyusdh ekax dh tk jgh Fkh D; kād blls, d vkj rksljdkj ds LFkkf; Ro dks pkV igpp jgh Fkh ftldsifj.kkeLo: i ijik iťkklu i ilkkfor gks jgk Fkk tks nikjh vkj jktuhrd HkV pkj vkj vušrdrk dks ikkl kgu fey jgk FkkA ifj.kkeLo: i ny&cny dks jkdusdsfy; s vkBoha ykdl Hkk ds i Fke la Dr vf/košku ea 17 tuojh] 1985 dks jk'Vi fr us vius vflkHkk'k.k ea; g ?kkf'kr fd; k fd ny&cny dks jkdusdsfy; s ljdkj, d fo/k; kd i trr djxhA 24 tuojh] 1985 dks l šo/kku ds 520a l škksku ds: i ea fof/k ea=h us; g fo/ks d i trr fd; kA 30 tuojh] 1985 dks, d gh fnu jkT; l Hkk us Hkh bl dks i kl dj fn; kA 15 tuojh] 1985 dks jk'Vi fr }kjk Lohdfr gks tkusds ckn l šo/kku ds 520a l škksku us vf/kfu; e dk: i /kkj.k dj fy; kA

1985 ds ny&cny fojk/kh vf/kfu;e }kjk l fo/kku ea, d ub/vu() pph 1/4 kM/; ny 10½ tkM/+ xb/ g\$\ blea; g 0; oLFkk g\$fd l 1 n vFkok jkT; fo/kkue.My ds l nL; dh fuEu ifjfLFkfr; kaeal eklr gks tk; xh &

- 1- ; fn dkb2 | nL; ml ny lsftldsfVdV ij og fuokfpir gyvk Fkk] LoPNk lsR; kxi= nsnrk g\$vFkok | nu enikVh2 fåoi dsfo:) okt/ nrk g\$vFkok viusny dh ino2 vunefr dsfcuk ernku dsle; | nu en vunifLFkr jgrk g\$yfdu , slslnL; dksmijkDr dk; bkgh lscpk; k tk ldrk g\$; fn lnu en vunifLFkr jgus; k fåoi dsfo:) okt/ nsus ds 15 fnu dsHkhrj] | EcfU/kr ny ml lnL; dsmijkDr vkpkj.k dsfy, mls{kek dj nsa
- 2- vxj dkb/fun/yh; InL; puko dsckn fdlh jktuhrd ny dh InL; rk xg.k dj yA
- 3- ; fn dkbZeuksuhr InL; InL; rk dh "kiFk ysus ds 6 ekg ckn fdIh jktuhfrd ny dh InL; rk ny dh InL; rk xg.k dj ysrk g\$ rksmIdh InL; rk dk vUr gkstk; sxkA 520a l äkkøku vf/kfu; e ds vuq kj InL; rk dk vUr gksus okys i ko/kku ds fuEufyf [kr viokn g\$ %&

½v½ <u>ny folkktu</u> & ; fn fdlh fo/kkue.My ny ds , d frgkb²; k vf/kd lnL; ka us ml ny ls vyx gkcdj fdlh u; s ny dk fuek²k dj fy; k gk²

1/c½ <u>ny foy;</u> & ; fn nks; k ml I s v f/kd fo/kkue. My ny viuh dy I nL; rk ds nk & frgkb Z cger I s foy; dk fu. k dj y k

1/4 ½ <u>v/; {k in ds fy,</u> & to lin] fo/kkul Hkk ; k jkT; l Hkk dk dkb2 l nL; Lihdj@fMlVh Lihdj@pşjeSu@fMlVh pşjeSu dsij ij vius pupko l s rijllr igys nyh; fu'i {krk dh nf'V l s vius ny l s R; kxi= nrk q\$\text{n} mijkDr in l sqVus ds ckn ml sfdl h ny eaiu\(\pi\) | fEefyr gksus dk vf/kdkj gkskA

dkb2 fo/kk; d mi2 pr vf/kfu; e ds v/khu fujgirk I s xLr gks x; k g\$; k ugh) bldk fu.k? I nu dk v/; k@l Hkki fr djxk ij Urq tgka Lo; a v/; k@l Hkki fr dh fujgirk dk i tu gks rks mldk Hkh fofuf pr djus ds fy, I nu vius ea I s fdl h I nL; dks fuoktpr djxkA

vf/kfu; e ea; g Hkh i kfo/kkfur Fkk fd fujgirk ds ekeys ea I nu ds v/; {k dk fu.ki, vfire gkxk vkj fd I h II; k; ky; dks I nu ds fd I h I nL; dks fujgirk I s I Ecfl/kr fd I h fo'k; ds ckj ea dkbl vf/kdkfj rk u gkxhA

12 uoEcj] 1991 dks ukxkySM] xqtjkr, oae/; insk ds d\n fo/kk; dka}kjk nk; j dh x; h; kfpdkvkaij fu.k\bar{k}; nsrs gq s I ok\bar{k}Pk U; k; ky; us I \(\text{fo}\)/kku dh 10oha vu\(\text{q}\) ph ds 70a Hkkx dks vI \(\text{fo}\)/kkfud dj fn; k\lambda bl Hkkx ea I nL; ka dh vugirk ds ekeyka ea v/; {k ds fu.k\bar{k}; dks v\(\text{fire}\) ekuk x; k Fkk v\(\text{fi}\) mI s U; k; ky; ka ds vf/kdkj {k\subseteq ls ckgj j [kk x; k FkkA mPpre U; k; ky; dk er Fkk fd ny&cny fujkskd dkuwu ds vUrxir I nL; ka ds vugirk ij

fopkj djrsle; v/; {k dh fLFkfr dpy, d %Triunal% fVC; wy tsh gkrh gsh vr% mI ds }kjk fd; sx; sfu. ksh ka dk mPp U; k; ky; vksh mPpre U; k; ky; i qjkoykdu dj I drsgh

ny&cny dksjkodus ds fy, mi; Opr vf/kfu; e egRoiwkZirhr gkrk gS ysdu leL; k; g gS fd blds }kjk cMsLrj ij gkous okys ny&cny dks ughajkodk tk ldrk gS blds vfrfjDr ny&cny lEcU/kh 520al åkkoku vf/kfu; e ea vuod dfe; ka 0; klr gS Qyr% ny&cny ds Åij iHkkoh <a ls dkbZ vod (k ugha yxk; k tk ldkA mDr vf/kfu; e dh dN fo″ksk dfe; ka fuEufyf [kr gS %&

- ny&cny fojkókh vf/kfu; e mu fo/kk; dkaij ughaykxwfd; k tk ldrk g\$ tks lnu eany ds fâoi dk vuijkyu djrs g\$ fdUrq lnu ds ckgj] ny&fojkókh xfrfof/k; ka ea Hkkx yrs g\$ bldk mnkgj.k 1987 ea Jh oh0ih0 flæg }kjk fufeir laxBu ^tu ekpki g\$ Jh oh0ih0 flæg rFkk lain vkg jkt fo/kkul Hkkvkads muds leFkid lnL; ka us [kaydj i/kkueah dh vkykpuk dh vkg ljdkj ij HkiVkpkj ds xblkhj vkjki yxk; å bu lnL; ka dks ny ls fu'dkflr dj fn; k x; k fdUrq mudh fo/kkue. My dh lnL; k mi; pr vf/kfu; e ds v/khu leklr ughadh tk ldrhA
- eny ny&cny fujkókol dkunu en vugírk ols fu/kkýj.k ols fo'k; en Liholj olks vR; f/kol "kfDr"kkyh rFkk vnire fu.kk², d cuk; k x; k gn mDr vf/kfu; e }kjk; g mEehn Fkh fol Liholj fu'i {k gkodj olk; l djæks i jUrq Liholj }kjk rVLFk gkodj fu.k², ugha fy; s tk l ols vkýj; g mEehn i jýh ugha gks l olh cogr de Liholjka us rF; i jol QS ys fn; \$ vf/korj us l Rrk: <+ny olh l no/kkvka olks i kFkfeork nhA
- ,d euksuhr InL; us 6 ekg ds vUnj fdIh Hkh jktuhfrd ny ealfEefyr gksIdrk g) ij funiyh; fuokipr InL; dksfdIh jktuhfrd ny dh InL; rk Lohdkj djusij Inu dh InL; rk Isofapr gksuk i MækkA; q ikfo/kku vlær HknHkkoiwkZirhr gksk g).

blh izki 910al fio/kku lákkoku vf/kfu; e] 2003 ds }kjk ny&cny dks jkodus ds fy, , d egRoiwklit, kl fd; k x; kA 910al fio/kku lákkoku vf/kfu; e }kjk 2003 ea; g iko/kku fd; k x; k fd ; fn fdlh fo/kkue.My ny ds , d&frgkbl; k vf/kd lnl; ka us ml ny ls vyx gkoj fdlh u; s ny dk fueklk dj fy; k gkj ftldks 520al fio/kku lákkoku ea ny&cny dh Jskh ea ughaj [kk x; k Fkk vkj l Ecfl/kr lnl; ka dh lnl; rk lekir ugha gkrh Fkh vr%mDr /kkjk dks ¼, d&frgkbl; k mlls lnl; ka dk vyx gkouk½ 910al fio/kku lákkoku 2003 }kjk lekir dj fn; k x; kA; | fi 910al ákkoku ea ny&foy; o funlyh; lnl; ka ds ny&cny dks jkodus ds fy, dkblihkoh dne ughamBk; k x; k gå orðku flFkfr; g fd fdlh ny dks vdsys; k l kefigd: i ls Nkb/hu} nkoukagh n″kkvka ea fo/kkue.My dh lnl; rk dk var gks tk; xkA

mijkBr fooj.k IsLi'V gSfd 520ka, oa 910ka I fio/kku I fikksku vf/kfu; e ny&cny dksiwki i Isjkodus ea I Qy ughajgsgå D; kaid foxr o'kkai ea ft I idkj ny&cny fujkskd vf/kfu; e dh vogsyuk o nq i; ks gayk gå blls; g fcYday Li'V gSfd ny&cny dks ek= dkuwuh Ik/kuka Isjkodk ugha tk I drk gå /ku vkj jktuhfrd I Rrk ikir djusdk ykyp ny&cny dk eny dkj.k g} ft I dk i k; {k I EcU/k fo/kk; dka ds uård Lrj Isgå ny dsfl) korka dsifr opuc) rk vHkko] jktuhfrd inka dksikir djusdh gkkM} vl {j; jktuhfrd nyka dk fuekik} jktuhfrd nyka ea c<fh gapi vu(kkl ughurk uård eN; ka dk åkl vkj eny&foghu jktuhfrd fujøj i i kj] tj s dkjdka us ny&cny dks Hkkjrh; jktuhfr dk vfHkUu vax cuk fn; k g\$ft I Isfd ny&cny, djktuård I eL; k cuh gapi gå

eny vko"; drk; g gSfd jktuhfrd nykadh c<fh g\p2la[;k dksifrcfz/kr djusdsmik; <nestk;svk\squares fo/kk; dkaeavius u\strd nkf; Rokads ifr tkx: drk mRilu dh tk;svk\squares dkunuh : i Is ny&cny o fun\syh; InL; kads ny&ifjor\u00e4u dks Hkh iwk\u00e4r\u00e4jkcdus ds fy, i Hkkoh dne mBk;s tkus pkfg, ftlls ny&cny I EcU/kh leL;k dks iwk\u00e4r\u00e4le lekIr fd;k tk I ds vk\squares Hkkjrh; I \u00e4nh; 0; oLFkk o ykcdra= dh uho vk\squares etcur gks I ds ftllsfd Hkkjrh; I \u00e4dfr jktuhfrd 0; oLFkk eaLFkkf; Ro o ikjnf"k\u00e4r\u00e4k ykb\u00e4tk I d\u00e4

I UnHZ

- 1- I #kk/k d"; i] ny&cny vkj jkT; kadh jktuhfr ¼1970½ i01 ø 15&16-
- 2- I tlkk'k d"; i] i toktorA
- 3- I kg % jktho oekl ykkdræ I eh{kk| tuojh&fnl Ecj| 1988| i 01 0 101&111-
- 4- I thk/k d"; i] ny&cny vky jkT; kadh jktuhfr] ½ejB] 1970½ i 01 0 19-
- 5- Ikr %jktho oek/ ykrdræ leh(kk) tuojh&fnlEcj] 1988] i0l 0 101&111-
- 6- MhOIhO xqr] baM; u xoluea/ , .M ikthyfVDI 1/fodkl ifCyf"kax] fnYyh] 19721/1 iOIa0 80-
- 7- MhOIhO xtr] ivoktor] iOI to 81-
- 8- I #kk/k d"; i] ikthyfVDI vktD fMQD"ku ½uskuy] fnYyh] 1969½ i01 0 5-
- 9- Inp"ku vxxxx ¼ mx jkT; I Hkk I Ø\f)h tujy¼ egkjk'Vk yftLVyfVo vI cyh&xk\f>Mu tçyh dekejfVo okY; me] 1987&88] i 0 I 0 251&262] 268-
- 10- , I 0, e0 I bh %Hkkjrh; jktuhfrd 0; oLFkk] ¼Hkkjr cqd I ½/j] y[kuÅ&2006½
- 11- MkW cEgk Hkkj}kt] I fo/kku dk nI okaifjf"k'V ny&cnYk vFkZkkL=h] ubZfnYyh] tw] 1990] i OI Ø 8-
- 12- MkW l Hkk'k d"; i] ny&cny fojkkh dkuw eal akkkku dh t: jr] uoHkkjr VkbEl ¼y[kuż 10 tuojh] 1991] iOl 10 6-



Lorærk vklinkyu eajkVh; dfo; kadk; kxnku, oamudh jkVh; likkouk

fou; dekj feJk*

jk'Vh; dk0; Is gekjk rkRi; ImI dk0; g\$ftleafdlh jk'Va dh efgek dk xqkxku fd; k tkrk g\$mIdsvrhr xk\$jo dk xqkxku fd; k tkrk g\$ftlealeposjk'Va dksviuh Lok/khurk, oa Lorærk dsfy, vRekRlxZdjusdsfy, ifjr fd; k tkrk g\$ bleajk'Va ine dslkFk&lkFk lEiwkZjk'Va dh, drk o v[k.Mrk dksfLFkj j[kusdsfy, itkRlkfgr fd; k tkrk g\$ftleaviuh ekrHkfe, oa ekrHkk'kk dsifr vVtV J)k, oa fo″okl ind V fd; k tkrk g\$vk\$j vius xk\$joiwkZladfr dsifr rhotunjkx 0; Dr fd; k tkrk g\$ Hkkjr ds Lorærk lakte dks mxz i inku djusokyh fdruh qh jk'Vh; jpuk; abl dsiek.k eaitr¶ dh tkldrh q\$

I oli Fke ohjxkFkkdkyhu dk0; eajk'Vh; Hkkoka dk mllesk ; fRdipu : i eafey tkrk g\$\text{k} ml le; gekjs jk'Va ij fonskh vkØe.kdkjh fujlrj vkØe.k dj jgs Fks vk\f mul s ykgk yus ds fy, jktiv jktkvka us vR; lr ohjrkiwkZ; \text{o} fd, A mu {kf=; i \text{\text{e}} ka dks i k\text{k} kfgr djus ds fy, rFkk mllga Hkkjr jk'Va dh l \text{\text{d}} dr, oa l H; rk dh l \text{\text{j}} kk grq mRl kfgr djus ds fy, rRdkyhu pkj.k dfo; ka us vi us vkstLoh dk0; dk fuekZk fd; k ftlea mudh l \text{\text{j}} rk| ohjrk, oa ijkØe "khyrk dk xqkxku fd; k vk\f "k=q ds fo:) "kk\f Z, oa ijkØe fn [kkus ds fy, mllga i \text{\text{j}} r d; k x; kA i Fohjkt jkl k\f gEehj jkl k\f vkYgk[k.M vkfn ,\f h gh dfr; k\f g\f ftuea rRdkyhu okrkoj.k ds vu\f kj jk'Vh; dk0; /kkjk dh Jskh ea i wkir; k ugha j [kk tk l drk gSD; k\f ml dky ds dfo; ka dh nf'V vR; llr l \text{\text{d}} pr Fkh os l epos jk'Va dh j {kk , oa l Ei wkZ jk'Va dh mllufr ds fopkj l s jktiv jktkvka dks i \text{j}.kk inku ugha djrs Fks vfirqos fdl h , d Nk\f h h j; kl r] Nk\f s jkT; , oa Nk\f s Hk\f kkx dh l \text{\text{j}} kk , oa l ef) ds fy, muds "kkl d dh dhfr\f kkfk xkdj vi uh thfodk dk fuok\f djrs Fk\f d\f dfo; ka us rks vi us vkJ; nkrkvka dh feF; k Lr\f r dh g\f feF; k dhfr\f dk o.k\f f d; k g\f r Fkk Hkkjr \f kjk'Va ds nks jktkvka dks i j Lij yMkdj jk'Va fojkkh dk; \f Hkh dk; \f g\f vr, o ohjxkFkkdkyhu dk0; ka ea jk'Vh; pruk , oa jk'Vh; tkxfr dk vHkko feyrk g\f k

ohjxkFkkdky ds mijkUr fgUnh I kfgR; ds jhfrdky ea vo"; gh daN jk'Vh; dk0; /kkjk dk Lo: i fey tkrk gB; g dguk vfr"; kfDr u gkxk fd bI h dky ea vkdj jk'Vh; dk0; /kkjk dk i Fke mUesk gavk D; kaid bI I e; Hkkjr jk'Va vkjaxts t1 s Øyj] ccjj, oa vkrrk; h "kkI d ds pØ ea fil dj djkg jgk FkkA og jk'Va dh dykdfr; ka dks u'V dj jgk Fkk] Hk0; , oa fn0; eanjka dks rkMedj efLtna [kMh dj jgk Fkk] fgUnw turk dks /ke2 Hk2V djds mudh eku i fr'Bk dks Hkh /kayI s feyk jgk FkkA , s s l e; ea rhu tu&uk; dka us bI Øyj "kkI d ds fojkok dk chMh mBk; kA egkjk'Va ea N=i fr f"kokth] ctinsy [k. M ea egkjktk N=I ky vkj i atkc ea xq xkfoUn flag us bI Øyj , oa vkrrk; h "kkI d ds fo:) vi uh ryokj mBkbA bu dfo; ka ea I s Hknk. k us vi us jk'Vuk; d N=i fr f"kokth dk xqkkxku fd; k , oa tu&tu ds ân; ea vkjaxts ds vR; kpkj , oa vU; k; ds fo:) Hkkouk; a mRi Uu dhA xkjayky us egkjkt N=I ky dh dhfrækfkk xkdj ctinsy [k.M ds tuthou ds uotkxj.k dk ea= Opdk vkj dfo I mu us Hkjrij ds jktk I w ey dh; "kkokkfkk xkdj jktl Fkku ds vUrxir tuØkar dh ygj nksMkbA xq xksoUn flag Lo; a fl) glr dfo Fks vkj mUgkaus p.Mhpfj = dh j puk djds vi uh vkstflouh ok.kh }kjk i atkc ea Økar dk ea= Opdk vkj Hkkjrh; I ladfr dh j kk dsfy, cjkcj; ja) djrsjgA

diN vkykpd mDr dfo; kadh jpukvkadksHkh jk'Vh; dk0; /kkjk dsvUrxir ekuuseal dkp djrsg&D; kad bueaealye "kkl d dsfo:) Økar dk mPp Loj lukbZiMrk gSijUrq,dsvkykpd Hkmy tkrsg&fd*,e-,- ¼aUnHi/Lu¥A

I Ei wkZ j k'Va dks I rkus okyk \vee R; kpkjh] Øyj , oa \vee U; k; h "kkI d pkgs eq yeku gka; k fgUnw; k ej kBk gks; k \vee akst fdI h Hkh tkfr dk D; ka u gka mI ds fo:) tuer r\$kj djus okyk dfo j k'Vh; dfo gkrk g\$ \vee k\$ mI dh dfork j k'Vh; dfork gkrh g\$\left \text{ also pkg mI ds for k j k'Vh; dfork gkrh g\$\text{ also pkg mI ds for k j k'Vh; dfork gkrh g\$\text{ also pkg mI ds for k j k'Vh; dfork gkrh g\$\text{ also pkg mI ds for k j k'Vh; dfor k j k'Vh; dfork gkrh g\$\text{ also pkg mI ds for k j k'Vh; dfor k j k'Vh;

iFke Lok/khurk lakte 1857 eagqvk ftldk 0; kid iHkko nšk dstuekul ij , oafgUnh , oalkfgR; ds {ks= eaHkh iMk} ftlusleLr nškokfl; kadksiHkkfor gh ughafd; k] vfirqjk'Vh; dk0; /kkjk eajk'Vh; rk dk fodkllexz: i Isfd; kA; gh le; Hkkjrthq; qk] i quitkxj.k uke Isfo[; kr gqvk] Hkkjrthq qkhu dfo; kausjk'Vh; Hkkoka Isvkritsr viuh vkste; h jpkuk; a ilrq dhA vaxt viuh of.kd ofRr }kjk /khj&/khjs I Eiwki Hkkjr ij viuk vf/kdkj tekrs pys tk jgs Fks rFkk; gka dk /ku ytw&[klkt/dj blitySM] dk dksk Hkj jgs Fks Hkkjrthq, oa Hkkjrthqqkhu dfo; kau mudh bl dwuhfr, oaof.kd ofRr dh?kkg fullnk dh vkg jktHkDr gkrsgqsHkh turk dh n; uh; n"kk dks n{kdj vaxtka ds fo:) vkokt mBkbA bruk gh ugha mlgkaus gh Ioi Fke Iekt&I (kkj] jk'Vi ne] nškHkfDr] ukjh f"k{kk}, oaHkkjrh; I tldfr ds egRo dh vkg turk dk /; ku vkd'V fd; k vkg vrhr ds xkgo dk xqkxku djdsmudsân; ealonšk] Lojk'Va, oajk'VHkk/kk dsifr rhokugikx mRillu djusdk iz, kl fd; kA

Þân; mRre Hkkjr nýkþ & jk/kkpj.k xktokeh

Þ/kU; Hkhie Hkkjr I c jrufu dh mitkofuþ & cnbukjk; .k pkØkjh

ine?ku & vkfn dk0; infDr;kablh rF; dksidV djrh gA

vaxstkadh "kksk.k&uhfr dk Hkkjrbnq}kjk iR; {k mYy{k bl Hkkouk dh pje ifj.kfr gA

bHkhrj&Hkhrj I c j l pw \$ gw & gw ds ru eu /ku ew & tkfgj ckru ea vfr rst] D; ka l f[k | Ttu! ufga vaxjst AA

&Hkkj rllng gfj "pUnz

Hkkjr dh orèku n**n**l'kk ij Hkkjr**y**nqusdgk g\$&

gk;! og\$Hkkjr&HkpHkkjhA | cgh fof/k | ksHkbZn[kkjh gk;! ipoun] gk ikuhirA vtgqrep /kjfu fojktfr ak; fprk§! fuvt rwHkkihA vtgA [kjk Hkjrfa e&kjh

jk'Vh; dk0; /kkjk dk rrh; mllesk f} onh; qk ea gq/kA f} onh; qk ea jk'Vh; lkkokals lkjh gq/kD dfork; a lok/kD ek=k ea fy[kh <math>xb/2vkj bl; qk ea dfo; ka dsv/Urx/r jk'Vh; psruk dk vR; f/kd l''kDr, oalcy: i ls fn[kkb/2nhA bl dk ieq[k dkj.k; g Fkk fd lkkjrl/srnq; qk ea rls ns/klkfDr ds lk/Fk&lk/Fk jk/tlk/FDr lkh feyh gq/kD Fkh fd/lnqffonh; qk ea ns/klk/FDr dls gh ie vx lk/Fk

bl ; ox eadfo; kaeav; kd; k fl g mik/; k; usvius 'fiziokl'] 'Oshigh ouokl'] vkfn dk0; kaealojk'Vaie] nskHkfDr] tkfr lok] ykodfgr vkfn dh Hkkoukvkadk fu: i.k fd; kA eskyh"kj.k xqr usvius dk0; kaeajk'Vh; rk dh Hkkouk dk lokep LFkku inku fd; k vkj viuh dk0; kaeajk'Vh; rk dh Hkkouk dkslokepk LFkku inku fd; k vkj viuh dk0; kaeajk'Vh; rk dh Hkkouk dkslokepk LFkku inku fd; k vkj viuh viuh dforkvkads ek/; e lsjk'Vh; Hkkokadk lokef/kd ipkj ,oailk kj fd; kA io jkepfjr mik/; k; j'k'VHkkjrh* vkfn fy[kdj tu&thou eajk'Vh; Hkkokadks txkus dk iz Ru fd; kA buds vfrfjDr f}onh e.My ds ckgj ds dfo; kaeaio Hkxoknhu] io jkeujs'k f=ikBh vkfn us Hkh viuh viuh dforkvka}kjk lekt ,oajk'Vadh fLFkfr dk fp=.k djds Lons'k io ,oajk'VHkfDr ds Hkkokadks tu&thou ea tkxr djus dk iz Ru fd; kA blh idkj vk/kqud Nk; koknh dfo; kaealsid kn] iz fujkyk] egknoh vkfn us Hkh Hkkjr ds vrhr xkjo dk xqkxku djds tu&tu dsân; eans'kHkfDr] Lons'kkfHkeku] jk'Vio vkfn tkxr djus dk iz Ru fd; kA

buds vfrfjDr ek[kuyky propinh usfonskh "kkl dkadsifr fonkog dh Hkkouk tkxr djrsgq uo; opdkaea Lorærk ikflr ds fy, oplo U; kNkoj djus dh ij.kk inku dh] l kknk depkjh pkojku usohjrkiwkl xhrka }kjk vkRekkl xl dh Hkkokuk tkxr dh rFkk ^>kjl h dh jkuh* dfork }kjk Lojk'Va ds fy, cfynku dk ekxlit'klr fd; kA ckyd'.k "kekl'uohu* usviuh vkstloh dforkvka}kjk lokrU=;];) ds fy, u; &u; s l Sud inku fd; A

, sis ghijke/kkjh flig finudj* us vius vkstloh dforkvka}kjk tuthou eajk'Vile, oanskHkfDr dhill Hkkouk; atkxr dhA vU; vk/kfud dfo; kaeals I kguyky f}onhjjkesoj "kpy 'vpy*j f"koexy flig 'leu* vkfn dfo Hkh viuh jpkukvka}kjk jk'Vh; Hkkokadks txkus ealeFkZ gq gSijUrqgekjk; g Li'V er gSfd buealcls ljkguh; dk; ZeSFkyh"kj.k xqr thidk gSA

eskyhrkj.k xtr th dhjkvnkouk % xtr th uslu-1912 bD Isyxdj eR; &i; Dr rd jk'Vh; Hkkokadh xxk dks tu&tu rd igppkusdk dk; Ifd; k g\$ xtr th usloj. Fke 1912 bD ea Hkkjr&Hkkjrh fy [kdj nškokfl; ksdk/; ku mudh orèku ntplk dh vkj vkd v fd; k vkj vrhr dh xkjoe; h >kdh itrr djdsmlgaijk/khurk dh c\$M+kals

efir gksus ds fy, ikRl kfgr fd; kA rRi"pkr-'osrkfyd* ds tkxj.k xhrka}kjk mUgkaus Hkkjrokfl; ka dks ixfr dh vkj mUe([k fd; kA 'vu?k* dk0; }kjk mUgkaus I R; kxg dks ikRl kgu nsrs gq s jk'V³ sok , oa jk'V³ j{kk ds I kFk&I kFk Lorærk ikflr ds fy; s vkRekRl xZ djus dh Hkkouk dk ipkj fd; kA rRi"pkr-'Lons'k I axhr* ds }kjk ijrU=rk dh ?kkj fuUnk ea i i lyr Hkkjrokfl; ka dks uotkxj.k dk I Uns'k fn; kA

mudh vII; jpuk ^ou&o8ko* IsmUgkausHkkjr ea0; kIr fgUn&eqiLye ,drk dh IeL; k dk ik§kf.kd vk/kkj ij lek/kkj ilrqr fd; k vk§ I kEinkf; d I 2k/kl dk nyi djdsnkukatkfr; kadks,d gkdj vius "k=qIsykgk ysusds fy, ik&I kgu fn; k rFkk ^cdl gkj* dh jpuk }kjk vII; k; dksu I gusvk§ II; k; dsfy, I 2k/kl djusdh ijj.kk nhA **I kikik**

bl idkj jk'Vh; dk0; /kkjk ds dfed fodkl dk v/; ; u djusij Li'V gkrk gSfd fgUnh ds vU; lHkh dfo; kadh vi (kk eSFkyh"kj.k x\nr dh jpukvka ea lokt/kd jk'Vh; pruk , oa jk'Vh; tkxj.k dh Hkkouk fo | eku gS bl fy, egkRdk xkakh th us x\nrth }kjk \(\frac{Hkkjr\&Hkkjrh}{Irk}\) dh jpuk ds mijkUr mUgajk'Vdfo dh mikf/k nh xbZ FkhA vkpk; Zx\nykcjk; us Bhd fy [kk & 'x\nrth dh dfork ls jk'Vh; rk vkj xkakhokn dh i/kkurk g\nathred{S}\)*

vkpk; / jkepUnz "kpy ds vu jkj x jrth dh jpkuk vka ea PIR; kxg] vfgalk] eu j; Rookn] fo "oine] fd Ikuka vkj Jethfo; ka ds ifr I Eeku] I cdh > yd ge ikrs gal

 \lor kpk; I ulln ngykjs oktis hds \lor uq kj \flat jk'Vadh ; qx \lor ky ; qx dh uohu LQfir1 uohu tkxfr ds Lefr fpllg geafgllnh eal o \overline{I} Fke xqrth ds dk0; eagh feyrs gA

MKW IR; blnz ds vulj kj þjk'Vh; rk xljrth dk mnns; q\$ ij I ladfr "kw; jk'Vh; rk mUga xkg; ugha g\$\rho b

I UnHZ

- 01- fgllnh ds vk/kfjud ifrfuf/k dfo MkØ }kfjdk id kn I DI sukA
- 02- fgUnh I kfgR; dk bfrgkI & I 0 MkW ux\$nA
- 03- fgUnh dk0; foe"k1 i 0 226-
- 04-fqUnh I kfqR; dk bfrqkI & MkW jkepUnz "kDy] i 0 616-
- 05- fgUnh I kfgR; %chl oh "krkCnh] MkW uUn nwykjscktish] i0 39-
- 06-x4rth dh dyk] MkW I R; \$\text{sn} \text{i0 85-



vk/kqud ekuokf/kdkj ,oaiæ(k l 1 - r uk/d

nlflr el§∦

vk/kfud ; ox eaekuokf/kdkj&

Hkkjrh; I sio/kku us vius ukxfjdka dks bal ku dh rjg I Eekui nod thus dk vf/kdkj inku dj j [kk gå bal ku] bal ku gh gkrk gå gåsku ugha gks I drk fQj Hkh gekjs nšk dk , d oxl bal ku dks gåsku dh rjg ck/kus vkj dHkh&dHkh bal ku ds I Eeku dks NkkMelj ckdh I Hkh I (k&I fjo/kk, i mllga egg\$ k djus ds i {k ea gå vc rks bI e'khuh ; qx ea I kjk dk; le'khuka I s fd; k tkrk g\$ vkj mu e'khuka dks pykus okys bal kuh fnekx gkrs gå bu e'khuka dk ekfyd e'khuka dks Bhd&Bkd j [kus ds fy, muds j [k&j [kko ij Bhd&Bkd [kpl djrk gå vk; s fnu nšk dks de tkj djus ds mnnš; I s nšk ds vyx&vyx fgLl s ea CykLV gkrs gå vkj mu CykLV ea vl yh xqugxkj fxj ¶r ea ugha vkrs vkj cxqukgka dks i dM+dj mudk , udkm. Vj dj fn; k tkrk g\$; k fQj , sh ?kVuk I s vflk; pr cuk; k tkrk g\$ tks dHkh ?kfVr u g\pl gkå¹ cxqukgka dks i dMedj g¶rkæeghuka vkj d\pl, d o"kkard i rkfMr fd; k tkrk g\$ vkj muds I Eekui nod thus dk vf/kdkj Nhu fy; k tkrk gå

ekuokf/kdkj \vee k; kx dk ; g dùk0; gkrk g\$fd og n\$k ds ukxfjdka}kjk dh tkus okyh bl idkj dh f'kdk; rkadh tkp \vee ius Lrj Is djs \vee k5 mlh , tkllh Is og tkp u djk; sftlds f[kykQ ihfMr 0; fDr dh f'kdk; r gks; fn ,\$lk u fd; k x; k rksifyl mRihMu \vee k5 Qth2, udkm. \vee j dk ; g fl yfl yk cUn gksus okyk ugha g\$k \vee k; kx dks blds fy, \vee ius food dk bLræky djuk \vee ko'; d g\$ u fd 'kklu \vee k5 itkklu dk \vee x cus jguk 2

ekuokf/kdkj vkaikd : i Isf}rh; fo'o; a) dsvR; kpkjkadstokc ea 1948 ea Ia prjk"Va egkl Hkk}kjk viuk; h xbZ, d xs, ck/; dkjh ?kksk.kk gs, ekuo vf/kdkjkadh j{kk dsfy, dkuw cukus dh vko'; drk vc iyih naju; k ea egl vl dh tk jgh gs, fo"k; dsc<rsegùo dksns[krsgq ekuokf/kdkjkadk fo"k; ,d Lora= fo"k; ds: i ea f'k{k.k l a Fkkuka}kjk eku; rk i klr gs,

I a Dr jk"Va lâk ds xBu ds ckn I s ekuokf/kdkj ds ipkj vkg I j {k.k ea vius eq; /; ku dks dsUnr fd; k ga I a Dr jk"Va ekuokf/kdkj ds myyâku dh fuxjkuh ds fy, rU= dh foLrr Üka kyk ishk dj nh ga ijUrq ntkka; iwki; g gs fd ekuokf/kdkjka dk myyâku vHkh Hkh nqu; k ds vf/kdkik Hkkxka ea tkjh ga nqu; k dh vkcknh dk cMk I k fgLl k thou dh I j {kk eayHkur vko'; drkvka ts & jkb/h} di Mk vkg edku vkg thou I j {kk I s oapr ga Hkkjrh; I jdkj ekuo vf/kdkjka ds ckjs ea dkbi de fparr ugha ga ekuokf/kdkj vf/kfu; e ds fuEufyf [kr i ko/kkuka ds rgr 1993 ea j k"Vh; ekuokf/kdkj vk; kx dh L Fkki uk dh xba I j {k.k vkg j [k&j [kko djuk I jdkj dk eksyd dùkū; ga Hkkjrh; ekuokf/kdkj ka ij vk/kkfjr ga gekjs eksyd vf/kdkj bUgha vf/kdkj i nku djrk ga Hkkjrh; I so/kku mijkor ekuokf/kdkjka ij vk/kkfjr ga gekjs eksyd vf/kdkj bUgha vf/kdkjka ij vk/kkfjr ga; s vf/kdkj Hkkjrh; ykxka ds fy, cgr egùoi wki ga b i idkj ds ekuo vf/kdkj cqu; knh ekuoh; t: jrka dh ekx dj jgs ga os, d ba ku ds I okakh.k fodki ds fy, vko'; d ga

f'k(kk dk vf/kdkj &

nsk dsfy, ;g ,d xkjo dh ckr gkxh fd nsk dk gj cPpk] gj ukxfjd i <k&fy[kk ukxfjd gh nsk *'kkkkFkUhi ikP; I k—r fokkx] y[kuÅ fo'ofo | ky;] y[kuÅ-

dh ixfr ealgk; d gksldrk g\$\(\) bl \vf/kfu; e dks ykxw djus dsigys c\(\) n l kp fopkj g\(\) ky kskk] I \(\) leukj \vk; kftr gq gkxks yfdu \text{Qkbb} LVkj Lrj dsekgk\$\(\) ea tehuh gdhdr Is budk dkb\(\) okLrk ugha gkrkA o\(\) s Hkh Hkkjrh; ukxfjdka dksigys Is Hkh d\(\) ek\(\) yd \vf/kdkj fn, \(\) x, g\(\) fdUrq bu \vf/kdkjka ds IkFk mUga d\(\) khi ds ifr fdIh dh fnypLih ugha jgrh; gh gky f'k{kk ds\(\) vf/kdkj dk Hkh g\(\) a gekjs n\(\) k ea Ijdkjh fo | ky; ka dh gkyr fdIh Is fNih ugha g\(\) i\(\) i\(\) k; ad d\(\) kk ea 70&80 cPps gkuk \vke ckr g\(\), \(\) s ea fdI idkj, d f'k\(\) kkd i\(\) i\(\); ad cPpsij Igh rjhds Is/; ku nsik; xk\(\) bl fy, Igh f'k\(\) kk cPpkard ig\(\) pkus ds fy, ; k\(\); f'k\(\) kd ds IkFk gh mfpr f'k\(\) kk dh 0; oLFkk djuh pkfg, A

f'k{kk dk vf/kdkj dsrgr dkb2Hkh Nk= ftldh mez 14 o"kZlsde g\$ mlsf'k{kk lsofipr ughafd;k tk ldrk vk\$ mldh tkfr] /ke² fyax vk\$ vk; ds vk/kkj ij fdlh Hkh Nk= dslkFk dkb2HknHkko ughafd;k tkuk pkfg, A 14 o"kZlsde vk; qdscPpkalsdf) ek&cki cky etnijh djokrsg8;k ifjfLFkfro'k Lo;acky etnijh djusdksfoo'k gkrsg8^4 ljdkj ds}kjk bu cky etnijkadsfy, vusd vf/kfu;e ykxwfd, x, g8 ljdkj dks, sh dkjxj 0;oLFkk djuh pkfg, ftllslHkh cPpkadksviusvf/kdkj o f'k{kk iwkZi lsikIr gksldsvk\$ osiwkr;k ykHkkflor gkslds

Hkl dsuk/dlaeaekuolf/kdkj&

I iL—r I kfgR; eaukVdkadh 0; ofLFkr i jEijk dk vupriu HkkI I sgkrk gå HkkI dksekuo thou dsukuk {ks=kadksn{kusrFkk ukVdkaeavfidr djusdk volj feykA bl fy, mudsukVdkaeafofo/krk rFkk cgep[krk fo'kšk: i I snf"Vxkpj gkrh gå dåN ukVd tå & LoluokI onüke~i frKk vkfn i wkZ fodfI r ukVd gå.

Hkkl dsjkek; .kh; : idkadh dFkkoLrqeafo'k\$k uohurk ughag\$\ osifl) ?kVukvkadksukVd : i eaj [kus okys doy | kekU; : id g\$\ ifrHkk ukVd ea Hkkl us ,d uohu dYiuk dks dFkkud ds ifjo`g.k ea yxk; k g\$\ nodqy dh dYiuk ml ; qx dh ,d ekU; dYiuk FkhA

Hkkl lekt dh 0; oLFkk ds fy, jktk dk in furkUr vko'; d ekurs gå i frek ukVd ea bl rF; dks Li"V fd; k x; k gå

bxkighuk; Flk xkokfoy; a; KLR; i KfyrkA, , oau i frghuk fgafoy; a; KUr oS i zt kAAÞ

j{kd xki ds \lor Hkko eafcuk ikyh xbI xk; afoy; dks ikIr gkrh gå mIh izdkj eut; dk ikyu djusokys 'kkI d ds fcuk iztk uk'k dks ikIr gkrh gå fofHklu ifjfLFkfr; ka ea eut; ds ân; ea tks Hkko mfnr gayk djrs gå mudk I etjor 'kCnka ea mill; kI djuk HkkI dh futh fof 'k" \lor Vrk gå 5

dkfynki dsuk/dkaeaekuokf/kdkj&

vfllkkku'kkdvfye~ds"k"B vfd ea dkfynkl us dvfd; delgksus ds dkj.k; K&; Kkfn dk fo/kku dtvf, vko'; d Lohdkj fd; k gvf

I gtafdy; n~fofufUnrau [kyqrRdeZfootZuh; eA i 'kekixdeZhk: .kksuqEi ke`nis JK=; %AA⁶

; g dfo usck\$) /ke2dsdkj.k; Kkadsfo"k; eagksusokyh fullnk; k vJ)k dksnnj djusdk m|kox fd; k gå dkfynkl dsukVdkalsrRdkyhu /kkfe2d 0; ogkj dk Kku gkrk gå ml le; ykox norkvkalsMjrsFksrFkk/ke2bhj LoHkko okysFkå nsk eactã.k fl)klr dsnov&nso; kadh Hkjekj FkhA

HkoHár dsukVdkaeaekuokf/kdkj&

HkoHkfir on rFkk n'kūkadsif.Mr FkA mudsukVdkaeamudsosind Kku xfjek dh I pouk vusd LFkykaij ikbītkrh gsa 'mùkjjkepfjr' dsprfklvod ea 'ukekI kse/kopdksHkofr' dh I pouk feyrh gsa HkoHkfir dh rhukajpuk; a ukVd gh gsa 'ekyrhek/koe* eanI vod gsa i bI izj.k ea ekyrh rFkk ek/ko dk i e i a a cMa-LokHkkfod <a Isitro fd; k x; k gsa i visizj.k ea i e dh cMa-gh I tho vks mnkùk dYi uk n'ködkadsI keusj [kh xbzgsa

'mùkjjkepfjre&HkoHkfir' dh dk0; ifrek dk lokPp fun'klu g\$ blealkr væd gå HkoHkfir LoHkko Is xEHkhj i=fr dsdfo gå ftUgaviuh vuHkfir Isfo'kkn rFkk onuk dk vf/kd lækj nf"Vxkpj gkrk gå jke jkT;

dk \vee kn'kZ: i \vee ius o8ko ds I kFk; gk; fn [kkbZ i M+Fk g8A jke \vee kn'kZ jktk g8 mudk or i \neq fr jatu g\$ Lusg] n; k] I kS[; a; gk; rd fd i fo= pfj= tud ufUnuh dks NkM+s gq Hkh jke dks 0; Fkk ugha g89

Lugan; k p l k(); ap ; fn ok tkudhefi A vkjk/kuk; ykdL; e(prksukfLr es0; FkkAA¹⁰

ykıdkjık/ku dhonhij viusfuth I kJ0; dh frykatfy nsuk jke dh d \dot{U} k0; fu"Brk dk Vkn'k \dot{U} HkıifrRo dk mTToy n"VkUr g \dot{M}

dfo I Ppsize dh noh dk ojnku ekurs q&

v) fral (kn) ki; kjurk (rkal oklool Fkkl () & f) Jkeksân; L; ;= tjlk; fle= g; kijl % dysikoj. kk?; P; kriifj.krs; Rluglkjsfl Fkr).
Henarl; lekukl; dfkel; slafq rRikl; rAA¹¹

I Ppk ine I ([k&nt/[k en,d I k jgrk g]) gj n'kk enfiikUr gks; k I EifÜk og vunplny jgrk g]) tgkj ân; foJke yrk gå ckgjh I dkp vkoj.k dsgj tkus I s tksifji Do Lung dk I kj cp tkrk gSogh I Ppk ine gå fo'kk[knůk dsukVd enekuokf/kdkj&

I Qy ukVdka ea ft I dkrmgyo/kd vk[; ku dh ; kstuk U; k; I ar ekuh tkrh gs og blea i wkz i sk fo | eku gs Lokeh HkfDr dk I Unj : i geafuEu i | eans[kus dksfeyrk gs

; kstu'kral eki/kdadksukesxrkxrfeg djksrA vLFkkuxeu xq dk i kksjkKk ; fn u HkofrAA

; fn Lokeh dh egku vkKk u gkrh rks ,1 k dk20; fDr gStksvI e; ea I 2dMka; kstu nji dk vkuk2tkuk djrk g 12

'kmzd dsizdj.k dsvk/kkj ij ekuokf/kdkj&

^ePNdfVd* earRdkyhu e/; oxhl fgUnwlekt dk fp= geafeyrk gla jktk I fpokadh I gk; rk I sjkT; dk I pkyu djrk Fkka U; k; k/kh'kkadh I gk; rk dsfy, dk; LFk, oa J\$Bh j [ks tkrs Fka dan ckā.k tkfrxr /kdkk NkaMedj 0; kikj fd; k djrs Fka pk: nùk Lo; a, d I kFkòkg Fkka uhp tkfr dsykx mPp i nkaij vkl hu gks tkrs Fka vUrltkrh; fookg i Fkk i pfyr Fkha xf.kdk, i vi uk i \$kk nkaMedj dayo/kqcu I drh Fkha | urØhMk dksjktdh; I j {k.k i klr Fkka i \$l s ncdj nkl dh eqor gks tkrh Fkha 'kfolyd ol Url suk dh nkl rk I s enfudk dkseor djkrk g\$; g bl ckr dk i ek.k gla ekr nfo; ka vka xg norkvka dkscfy nsusdh i Fkk Fkha I ka kfjdrk I s Åcdj ykx ck\$ /kel ds vuq k; h cu tkrs Fka¹³

I UnHZ

- 1- vk/kljud ekuokf/kdkj dsrùo] MkW eukst fl g ?kkl y} i 0 28&29
- 2- Liludin LikfgR; dk Leh(kkRed bfrgkl.] vkpk; Idfi ynno f}onh] Hkfedk Hkx] i 0 1&8
- 3- vk/kijud ekuokf/kdkj dsrùo] MkW eukst fl a ?kkl y i i 0 12&18
- 4- f'k{kk dh uhfr] MkW e\$ Fku} i0 1&18
- 5- ifrekukVd] egkdfo Hkkl Ñr] Hkfiedk Hkkx] i0 4&13
- 6- vfHkKku'kkdljrye} egkdfo dkfynkl Ñr] 6@1] jpukdkj&vkpk; 1 dfi ynø f}onhA
- 7- Lann LkfgR; dk Leh(kkRed bfrgkl] vkpk; Idfiyno f}onh] i0 274&285
- 8- mùkjkepfjre} pr@klv@d] MkW jek'k@dj f=ikBh] i0 78
- 9- mÙkjkepfjre} MkW jek'kædj f=ikBh] 1@12] i0 34
- 10- Lann LkfgR; dk LehfkkRed bfrgkl] vkpk; Idfiyns f}onhl i 0 275&278
- 11- mùkjkepfjre} MkW jek'kødj f=ikBh] 1@39] i 0 94
- 12- vkpk; I fo'kk[knùk fojfpr&emkjk{kl] Hkfiedk Hkkx] i 0 2&7
- 13- vkpk; l'kmnd fojfpr&ePNdfVde} Hkliedk Hkkx] i 0 1&9



भारतीय समाज : महिला उत्पीड़न विभिन्न युगों में

डॉ॰ श्रद्धा स्मर्न

प्राचीन एवं अर्वाचीन विचारक नारी को संस्कृति एवं सभ्यता का मेरुदण्ड मानते हैं I विश्व की सभी संस्कृतियों में नारी के प्रति विशेष उदार और उन्नत विचार रखे गये हैं I नारी को शक्ति महान भण्डार और परिवार की नीव मना गया है चूँकि परिवार समुदाय की नीव है और समुदाय राष्ट्र की , है कर्णधार वास्तविक की नौका की र राष्ट्र व समाज ही नारी अतएव I

कोई है प्रघटना सार्वभौमिक एक उत्पीइन महिला भी काल परिस्तिथियों और स्थान ,रही हों ही सदैव स्तिथि की महिलाओं में समाज त्येकप्र , है रही की दर्जो दोयम I पुरुषों के समक्ष उसे सदैव ही कमज़ोर और निम्न स्तर का माना गया है और यह विश्वास प्रकट किया गया है कि उसे सदैव पुरुष के अधीन ही रहना चाहिए I भारतीय सामाजिक व्यवस्था के सन्दर्भ में महिलाओं की स्तिथि की समीक्षा की जाए तो एक समय तो उसे बहुत ही सेरेष्ठ , से परोपकार और शुचिता ,करुणा ,त्याग उनके ,घटनाएँ अनेकानेक की म्हणता नारी में युगों विभिन्न जबिक ,है जाता समझा गौरवपूर्ण और सम्माननीय पर है पड़ी भारीन्तु गौरव के इसी इतिहास के पीछे ही नारी के शोषण ,संदर्भों सामाजिक विभिन्न जिसे है हु ई छुपी कथा छदय भी की कष्टों और अपमान , जाता ठहराया न्यायपूर्ण और चित उ ही सदैव में परिस्तिथियों और समय।

योजनाएँ और कार्यक्रम कल्याणकारी जो भी में संदर्भ के व्यवस्था जातिअनुसूचित जातियों के हितार्थ निर्मित की गई I उसमे इन महिलाओं को कोई अतिरिक्त महत्त्व नहीं दिया गया और न ही महिला कल्याण के नाम पर बनाई गयी विभिन्न योजनाओं मेही अनुसूचित जाति की महिलाओं के विशेष हित पर ध्यान दिया गया फलतमह और भी बाद के वर्षों 50 के स्वतन्त्रता :िलाकल्याँ व अनुसूचित जातियों के कल्याण के विशेष प्रयासों के पश्चात भी अनुसूचित जाति की महिलाओं की स्तिथि में कोई विशेष सुधार नहीं हु आहै और ना ही उनके उत्पीड़न व अत्याचार की घटनाओं में कोई कमी आई है वस्तुतविभ हमे हेतु अवलोकन समुचित के स्वरूप ऐतिहासिक के नारी :िन्न कालों में उसकी स्तिथि को जात करना होगा भारत में महिलाओं की सामाजिक स्तिथि का विश्लेषण करने हेतु यदि हम इतिहास के पन्ने पलटे तो मालूम होता है कि उनकी स्तिथि में समय चढाव उतार कई पर समय – है आए I

प्राचीन भारत में स्त्रियाँ: प्राचीन भारत में स्त्रियों की स्तिथि से सम्बंधित दो विचार सम्प्रदाय मिलते है एक सम्प्रदाय का कहना है की स्त्रियाँ के पुरुषों ह दोनों थी जाित की भी घ्रणा प्रति उनके बल्कि था होता ही अपमान केवल ना का स्त्रियों कि है मान्यता की सम्प्रदाय दुसरे जबकि थी "बराबरी सम्प्रदायों ने अपने हष्टीकोण की पुष्टि में धार्मिक साहित्य के उदहारण दिये है आपस्तम्भ ने निर्दिष्ट किया था", जब स्त्री रास्ते में जा रही हो तो सभी उसे रास्ता देज हो प्राप्त को विनाश परिवार सम्पूर्ण वहाँ है होती दुर्दशाकी स्त्रियों जहाँ -था कहा ने मनु "ाता है किन्तु जहाँ वे ख़ुशी हो वाहन परिवार सदैव समृद्धिको प्राप्त करता हैहै मिलता उल्लेख का मन्त्र निम्न वाले जाने कहे समय के संस्कार विवाह में वेद " I

सुन्माइयोथि श्ट्युरेष सन्भायुत देवषु I

ननानदुश्वसृष सन्ताइयुत संभैयोदी : II(109:रामायण)

ज तू :नववधु हे)िस नवीन घर में जाने लगी हो वाहन भी तू सामा हो और वह सब तेरा हो तेरे हुएसमझते सामग्री तुझे सास और नन्द ,देवर ,शब्सुर , रहे आनंदित में राज्य I

महाभारत के आदि पर्व में कहा गया है की के कृत्यों धार्मिक ,है होती मित्र की पित अपने में सुख पितनयाँ मृदुभाषी समय वे उनके पिता के सामान होती है तथा दु:खव कष्ट के समय वे उनकी माता के सामान होती है I"

*असिस्टेंट प्रोफ़ेसर, समाजशास्त्र, जानकी देवी कॉलेज, खजनी, गोरखपुर, उ॰प्र॰

यत्र नार्यस्तु पूज्यन्तेदेवता तत्र रमन्ते , I अपुजितश्चा यात्रेता;क्रिया सर्वस्तित्राफला , II" (श्लोक से 5/46 पर्व अनुशासन:महाभारत) स्त्रियों के विषय में ऊचें आदर्श रामायण एवं महाभारत में भी स्थान है गये दोहराए पर स्थान— I महाभारत काल में स्त्रियाँ न केवल गृहस्थजीवन का केंद्र थी बल्कि समस्त समाजिक संगठन की आधार बिंदु थी एसी आशा की जाति थी कि पुरुष अपनी पत्नी की इच्छा के आगे नत होगा तथा उसकी सेवा व पूजा करेगा I

वस्तुतः इस काल में स्त्रियाँ की स्तिथि काफी अच्छी थी और उन्हें जीने के तमाम अधिकार प्राप्त थे हालांकि समृति और पौराणिक काल तक आते-पर ऊँ और गये लिये चीन अधिकार तमाम उनके था लगा होंने पतन का अधिकारों तमाम उनके था लगा होने पतन का गरिमा थिस्ति की स्त्रियों आते अनेकानेक अमानवीय निर्योग्यताये लाड़ डी गयी।

वैदिक युग में स्वियाँ: वैदिक युग में महिलाओं की स्तिथि श्रेष्ठ थी पिता का परिवार हो या पित का परिवार दोनों ही स्थानों पर उन्हें वांछित सम्मान प्राप्त था यदिप पितृ सत्तात्मक परिवार व्यवस्था के कारण पुत्र संतान अनिवार्य व महत्वपूर्ण थी परन्तु कन्या जन्म भी अशुभ नहीं माना जाता था के विवाह, जाता दिया जोर पर करने सम्मान और था जाता समझा देवी की समृध्दी को महिलाओं में युग इस थी जाति हो अच्छी भी और स्तिथि की स्त्रियों पश्चात था। धार्मिक कार्यों में भी महिलाओं को पुरुषों के समान ही महत्त्व दिये जाने के कारण पत्नी को सहधर्मिणी कहा जाता था।

उत्तर वैदिक काल में स्त्रियाँ: ईसा के 600 वर्ष पूर्व से लेकर ईसा के 300 वर्षों बाद तक का युग उत्तर वैदिक काल कहा जाता है इस काल में अम्हिलाओं की स्तिथि में परिवर्तन हु आ और यह विचार पनपने लगा की बौध्दिक दृष्टी से स्त्री पुरुष से निम्न है महाभारत में उल्लेखित उदाहरणों से स्पष्ट होता है कि यदिप महिलाओं के प्रति वैचारिक मान्यताओं में परिवर्तन होने लगा था नहीं कम को अधिकारों के महिलाओं भी अभी में क्षेत्रों धार्मिक ,सामाजिक परन्तु , हेमाद्रि था गया कियाने शिक्षित अविवाहित कन्याओं जिसे ,वर शिक्षित के बराबर विवाह का कन्याओं एसी कि बताया और कहा विदुषों को (कुमारी) चाहिए नाजा किया ही से ,थे कहते 'मनीषी' I

मध्य काल में स्त्रियाँ :11 वी सताब्दी से 18 वी सताब्दी के काल को मध्यकाल कहा जा सकता है वास्तव में इस काल में महिलाओ की स्तिथि में जितना हास हु आ1 उसे भुलाया नही जा सकता भारत पर मुसलमानों का आधिपत्य स्थापित हो चूका था और यहाँ मुग़ल साम्राज्य को पताका फ़हरा रही थी वो इस काल तक आते युवावास्था पिता में बाल्यकाल नारी आते – मे पित तथा वृद्धावस्था में पुत्रों के संरक्षण में रहने की आदि बन चुकी थी उसे अधिकारों से वांछित कर दिया गया था और वह परिवार की एक आवस्यकता मात्र बनकर रह गयी थी I हलािक बौद्ध धर्म के उदय से उसकी स्तिथि में कुछ सुधर हु आ1 आधुनिक काल में स्त्रियाँ सरस्वती दयानंद ,सेन चन्द्र केशव ,राय राममोहन राजा यथा सुधारकों समाज भारतीय कुछ में दशकों अंतिम के शताब्दी 19 : और शिक्षित उन्हें तथा करने प्रदान अधिकार को स्त्रियों में सम्पत्ति और विवाह ,रोकने प्रथा सती और विवाह बाल से प्रयत्नों के आदि घंधी महात्मा तथा जागरूक बनाने हेतु कुछ सामाजिक और वैधानिक प्रयास किये गये I

बाद के प्राप्ति स्वतंत्रता 1950 के बाद से स्त्रियों की स्तिथि में पर्याप्त सुधर हु आ है 1 संरचनात्मक तथा सांस्कृतिक दोनों ही प्रकार के परिवर्तनों ने स्त्रियों को न केवल शिक्षा रोजगार तथा राजनीतिक भागीदारी में सामान अवसर प्रदान किये है रूचि अधिक में समस्याओ अपनी वे जिससे , सके ले I

या हो निवज्ञा आज है लगी लेने साँस में वातावरण सन्मुक्त वः और है हुई काम रेखा लक्ष्मण की वर्जनाओ समक्ष के नारी में भारत आज राजनीत ,यात्रा अन्तरिक्ष या हो पर्यावरण ,समाजशास्त्रि हो या उद्योग की नारी आज वस्तुत है रही दे योगदान महत्वपूर्ण अपना नारी में क्षेत्र प्रत्येक , आदर पर्याप्त भी आज को नारी यीआतता तथा है सकती ले गोंद को बच्चे किसी अब भी नारी हिन्दू है हुआ परिवर्तन गुर्नात्मक में स्तिथि सामाजिक है नही प्राप्त सम्मान I

वास्तविकता यह है की पुरुष आज भी नारी को गांधारी के र्रोप मेदेखना पसंद करता है लोकोपवाद के कारण सीता की तरह उसे बहिष्कृत कर देता है एक ओर नारी की क्षणिक भूत को क्षमा करने के रूप में उसका उपभोग भी करना चाहता है I

सकते कह ही अवश्य तो इतना हम लेकिन भी जो चाहे स्तिथि है कि परिवर्तन के साथ प्रयत्नों वैधानिक और सामाजिक अनेकानेक और साथ-है सजग प्रति के उत्थान के स्तिथि अपनी निरन्तर वह और है किया प्राप्त को स्तिथि की नारी कारण के I

ऐतिहासिक एवं वर्तमान संदर्भ में महिला उत्पीड़न के विभिन्न स्वरूप:

सामान्यत को आदि हत्या और प्रयास के हत्या ,करना परेशान ,मिय्यारोपण ,प्रताइना ,मारपीट हम इसमें तो है उठती की उत्पीइन जब ब्बत : बलात्कार यथा है जाते जुड़ ही सहज आयाम नवीन अनेक इसमें तो है जाता हो संदर्भित में उत्पीइन महिला से उत्पीइन यह जब परन्तु है करते शामिल का प्रयास) ,शोषण दैहिक ,अपहरण ,छेर ,वैश्यावृ त्ति संदर्भ ये आदि उत्पीइन दहेज़ और मारपीट ,पर्दाप्रथा ,सतीप्रथा ,हटे भूर्ण कन्या ,हत्या शिशु-कन्या (के उत्पीइन हमने यहाँ है करते काम में रूप के चुनौती में करने स्थापित प्रतिष्ठा और व्यक्तित्व स्वतन्त्र के महिलाओ निम्नलिखित स्वरूपों पर विचार किया है –

अ) <u>बलात्कारः दुर्व्यवहार और उत्पीड़न यौन</u>, पुरुषों द्वारा महिलाओं और युवितयों के साथ बलात्कार की महिलाओं दुर्व्यवहार और उत्पीड़न , विभिन की जीवन को महिलाओं कि है रखता कोकयम धारणा इस और है करता कार्य का करने सिमित स्वतन्त्रता्न अवस्थाओं में पुरुष के संरक्षण की आवश्यकता है I वर्ष 1990 में महिला बलात्कार के 20,000 मामले दर्ज किये गये जिनमे से 15 प्रतिशत मामलों में पीड़ित लडिकयों की आयु 16 वर्ष से काम तथा थी काम भी से वर्ष 10 आयु की प्रतिशत 20 I

2003 में कि जो हु ईघटित घटनाएँ की बलात्कार में संदर्भ के जोन (मेरठ)2003 में 126 व 2004 में 147 हो गयी तथा 2005 में उनकी संख्या 205 हो गई है I

हमारे समाज की विडम्बना यह है कि यहाँ बलात्कार की शिकार महिला को किसी भी प्रकार की सुरक्षा व सान्तवना प्रदान नहीं की जाती अपित् उसे हेय दृष्टी से देखा जाता है और प्रथम उत्तेजना को उत्पन्न करने का कोई कार्य होगा किया संकेत / I

कुछ मामलो को छोड़कर अधिकांश बलात्कार की घटनाएँ काम्कता प्रधान नहीं होती बलात्कार के कई रूप है –

- क. परिवार के अन्तर्गत बलात्कार बाल ,व्यभिचार कोलाम्बिक जैसे)यौन दुरुप्रयोग और पति द्वारा बलात्कार बलात्कार से रूप क़ानूनी इसे (है गया मना नहीं I
- ख. जाति वर्ग की प्रधानता के रूप में बलात्कार ,(उदहारण)उच्च जाति के पुरुष द्वारा निम्न जाति की महिला के साथ बलात्कार द्वारा जमीदारो , मजदूरो बन्धु आ ,मजदूरों महिला कृषि / भूमिहीनःं के साथ बलात्कार I
- ग. बच्चोंबलात्कार साथ के युवतियों असुरक्षित ,अवयस्क , I
- घ. युद्धबलात्कार साम् हिक दौरान के विप्लवो राजनितिक और दंगो सांप्रदायिक, I
- ङ. हिरासत के दौरान बलात्कार (आदि स्थानों के काम ,अस्पतालों ,गृहों रिमांड ,हिरासत पुलिस-जैसे) I
- च. आकस्मिकअप्रत्याशि ,त बलात्कार I

अपराध ब्यूरों की रिपोर्ट के अनुसार 1994 से 1996 के बीच बच्चियों के साथ बलात्कार की घटनाओं में 17 फीसदी वृद्धि रिकॉर्ड की गयी और ये साड़ी बच्सियाँ दस वर्ष से काम की है I

- आ) पारिवारिक अत्याचार और दहेज उत्पीइन हत्याः परिवार में महिलाओ पर अत्याचार और अत्याचार भावप्रवण ,दुर्व्यवहार पिटाई की पत्नी पर नविववाहितों है जाता देखा नहीं रूप के उत्पीइन महिला इन्हें और है जाता माना समस्याएँ पारिवारिक को व्यवहार अन्य के प्रकार इस की जलने दुल्हन या मौत दहेज़ को रूप चरम के अत्याचार घटनाहै जाता देखा में रूप के ' ।दहेज़ प्रथा का अस्तित्व विस्तार तथा प्रचलन , और किया अक्रस्त ध्यान का समूहों महिला ने घटनाओं की हत्या दहेज़ रही बढ़ में महानगरों और कस्बों छोटे ,शहरों है भयानक बहु ता 980 के दशक अधिनियम में संशोधन की मांग की गयी भारत में महिलाओं के विरुद्ध हर घंटा एक हर ,है होता हमला अपराधिक एक पर मिनट 7 42 मिनट पर एक दहेज़ मृत्युहोती है हर 33 मिनट पर एक औरत ससुराल वालों की प्रताइना और क्रूरता का शिकार बनती है यह एक अत्यन्त ही चित्जनक स्तिथि है I
- इ) वैश्यावृ त्ति अथवा देह व्यापार: वैश्यावृ त्तिमानवीय प्रतिष्ठा का अवमूल्यन करती हाई और उन्हें समाज में खरीदी और बेचीं जाने वाली वस्तु के रूप में पद स्थापित करती है यह स्तिथि किसी भी महिला को निरंतर अथवा पितत महिला के रूप में चित्रित करती है महिलाओं की कामुकता का व्यापार महिलाओं के अधिनिकरण से शुरू होता है एक व्यक्ति के रूप में महिला का व्यक्तित्व उसकी कामुकता के उद्देश्यीकरण द्वारा कमज़ोर होता है I अन के रिकॉर्ड ब्यूरो 1989 दर्ज कराये मामलों में तिमलनाडु में सर्वाधिक 7215 इसके बाद कर्नाटक में 2689 और फिर आन्ध्र प्रदेश में 1663 इस तरह की घटनाये अत्यधिक होती रही है और निरंतर जारी है I
- ई) अश्लील साहित्य और सचर साधनों में महिलाओ का गलत चित्रण उपभोग व्यापारिक का देह नारी /

स्त्री अशिष्ट ,अधिनियम (प्रतिषेध)1986 विज्ञापनों या प्रकाशनों लिये के मामलो सम्बन्ध इससे और में तरीके अन्य किसी या में आक्रति ,चित्रों ,लेखों , है करता प्रतिषेध का रुपन अशिष्ट के स्त्रियों लिये के प्रयोग आसस्मिक उनके अथवा I

इसके बावजूद भी अश्लील साहित्यफ और पट विज्ञापन ,चित्र ,पत्रिकाएँ-पत्र ,िल्मे बनाई जाति है जिनमे के 'स्वतन्त्रता की अभिव्यक्ति' है जाता किया प्रदर्शन विकृत वाअथ अश्लील का देह नारी पर नामा

नारी उपेक्षा :- विभिन्न सन्दर्भ में :- महिला उत्पीडन के विभिन्न आयामोमें नारी को हमेशा ही सामाजिक व्यवस्था में निचले स्टार पर रखा गया हैं और इसके संदर्भ में पुरुषों के अपेक्षा नारी पर अनेकानेक सामाजिक अनेक स्वत्रन्त्राको वैयक्तिक उसके ही साथ गये निशेश्ल्गाये राजनैतिक और आर्थिक , दवार के तर्कोंा हमेशा ही सिमित करने की कोशिश की गई।

आज भी उच्चिशक्षा प्राप्त महिलाओं की संख्या सिमित है और उनमें भी उनके उच्च शिक्षा के उपयोग की स्थित नगण्य ही हैं वीशताब्दी 20 महिलाय करोड़ 25 भी आज परन्तु चुकाहैं मना वर्षगांठ वि 50 की स्वत्रन्त्रा रतभा हैं ओर की समाप्तिे अशिक्षा से अभिसप्तहैं 75 की तक वर्ष 14 से 6 हैं पाता हो नहीं दर्ज में स्कूल नामांकन का लडिकियो प्रतिशता

अनुस्चित जाती की महिलाओं का उत्पीडन कुछ तथ्यात्मक पक्ष :- लम्बे समय से चली आ रही महिला उत्पीडन की घटनाओं को शब्दों में समेटना एक दुष्कर कार्य हैं तथापिआधुनिक कल में नारी चेतना और कल्याणकारी राज्य व्यवस्था के कारण महिला उत्पीडन की अनेकानेक घटनाये प्रकाश में आने लगी हैं संयुक्त राष्ट्र संघ द्वारा जारी सेफ लिये के मांग में दहेज़ बलात्कार, उत्पीडन यौन के लडिकयों और महिलाओं अनुसार के रिपोर्ट एक की(1999)

भ् , दहनरूण हत्या और परिजनों के हाथो पिटाई की घटनाए दुनिया भर में गम्भीर समस्या बनती जा रही हैं लेकिन बहु त कम देश ही इस समस्या से निपटने का उपाय कर रहे हैं I

वस्तुतः यूनिसेफ़ की यह रिपोर्ट अन्तरास्ट्रीय संदर्भ में महिलाओ पर उत्पीडन की स्थिति को प्रस्तुत करती हैं जिसमे भारतीय संदर्भ में विशेष रूप से अनु सूचितजातीकी महिलाओ पर उत्पीडन की घटनाएकुछ अलग आयामप्रस्तुत करती हैं I

भटेरी गाव की भवरी के साथ कुछ येसा ही दुखद हादसा हु आ और 45 वर्ष की भंवरी निव्रस्त्र हो गई I यह घटना 1992 के 22 सितम्बर की है I यहाँ भी दोषी दोषमुक्त रहा और भंवरी चरित्रहीन साबित हुई I

सम्पूर्ण भारत वर्ष पर निगाह डाली जाये तो प्रतिदिन अखबारों की सुर्खिया महिला उत्पीडन पर होती हैं I 1987 में भारत में 7,317 बलात्कार हुए जो 1990 में 9,863 तक पहु चगये इनमे 394 मासूम लडिकयों के साथ हुए थे I 1994 में महिला उत्पीडन 82,818 था महिला और लडिकयों के साथ छिटाकशी व छेड़छाड की बर्दातों की संख्या 16,060 दर्ज हुई भारत में हर 7 मिनट में महिलाओपर हिंसक हमले हो जाते हैं हर 44 मिनट में किसी न किसी ओरत का अपहरण हो जाता हैं हर 47 मिनट में एक बलात्कार हो चुका होता हैं I

लाभौतली गाँव (०प्र०3)में महिला साम् हिक बलात्कार -:

उत्पीडन महिला जिला हिरिद्वार के लौभातली गाव के एक श्रमिक की पत्नी थी और अनुस्चित जाती समुदाय से सम्बंधित थी वह अपने बच्चो सिहत दुसरे श्रमिक इस्लाम के साथ पंजाब में काम करने गयी बह की इस्लाम आकर वापस पश्चातवह मास 4न के पास रूडकी में ठहर गयी जिससे मिहला के परिवार से उसे वापस ले जाने का अनुरोध किया लेकिन उसके सास ससुर इस बात से बहुत नाराज थे किवह एक मुस्लमान के साथ गयी थी उन्होंने उसके पित को यातना डी और उसके साथ सामुहित बलात्कार किया उसका पित ऐसे बड़ी मुश्कित से एक अस्पताल में ले जा सका और उसने प्रधान को स्चित किया थी की दर्ज रिपोर्ट स्चना प्रथम में प्लिस जिसने, I

राष्ट्रीय महिला आयोग के सदस्यों ने अस्पताल का दौरा कर उस महिला उसके पति से बात चित की जिला प्रशासन ने महिला को 25,000 रूपये की छतिपुर्ती डी और अनुसूचितअधिकारियों ने दिये ०२ 500I

अधेडफुफा ने रौद डाली पंद्रह साल की बच्ची की अस्मत -:

किशोरियों और महिलाओ की अस्मत घर में भी सुरक्षित नहीं रिश्ते में फूफा लगने वाला एक अधेड़ने घर में अकेला पाकर पंद्रह साल की बच्ची की अस्मत लूटली भटना दिनाक 2 जनवरी की उत्पीड़न महिला में 2001 वर्ष में॰प्र॰उ अनुसार के खबर एक एक जारी से वार्ता एजेंसी न्यूज हैं की 2006 में मामले के छेड़छाड़ साथ के महिलाओं में 2001 वर्ष हैं हु ईबढ़ोत्तरी में घटनाओं 46.52 प्रतिशत की वृधिहु ईसं में 20001,681 मामले दर्ज थे और में 2001 2,463 मामले दर्ज हु एसं ,1 संख्या की हत्याओं दहेज़ में 2000६८९ मामले दर्ज थे और ,२ में 2001४६३ मामले दर्ज हु एसं संख्या की हत्याओं दहेज़ में 2000 .1९७२ थी और ,२ में 2001०९८ मामले प्रकाश में आये I

मिहिला उत्पीडन की अवधारणा एवं परिभाषा -: उत्पीडन सामान्यत व्यक्ति एक :द्वारा किया गया ऐसा कार्य या व्यवहार है कष्ट को व्यक्ति दूसरे जिसमे , और है करता अनुभव परेशानी या तकलीफ ,कष्ट से व्यवहारों या कार्यो गये किये द्वारा व्यक्ति अन्य किसी व्यक्ति एक यदि में शब्दों दुसरे ,हो पहुं चता किसी अन्य या आर्थिक ,मानसिक ,शारीरिक उसे जिससे प्रकार की क्षति पहुँचती है तो इसको हम उत्पीडन के अर्थ में समझते है I

समाजशास्त्रिय दृष्टिकोण से हम माहिलाओं के प्रति किये उस प्रत्येक व्यवहार तथा आचरण को उत्पीडन के रूप में समझ सकते है एक विशेष सामाजिक सांस्कृतिक व्यवस्था के मूल्यों विश्वासों और नैतिकता के द्वारा अनुचित व अयोग्य माना जाता है अथवा समुदाय समूह भी किसी चूँ कि, व्याप्तसामाजिक में व्यवस्था अथवा समुदाय ,समूह उस नियमन का सम्बन्धो :अंत एव क्रियाओं :अंत व्यवहारों के सदस्यों उसके अन्तर्गत के व्यवस्था क वैचारिक अथवा विश्वासों मूल्यों ,नियमो सांस्कृतिक आधार पर होता है I अतएव किसी स्त्री के प्रति किया गया कोई भी आचरण तभी व्यवहारको उत्पीड़न हो असंगत अथवा हो विरुद्ध के नैतिकताओं व नियमों ,केमुल्यों व्यवस्था स्थिपित व प्रचितत वह जबिक ,है सकता जा मना उत्पीड़क समु समूह लिये के करने विश्लेषण उसका तथा करने परिभाषितदाय तथा क्षेत्र की सांस्कृतिक व सामाजिक परिस्तिथियों संदर्भी ऐतिहासिक उसके , उसके और व्यवहार प्रत्यक्ष व स्थान ,विचारधाराओं परिवतनोंमुखी नवनी तथा व्यवस्था वैचारिक स्वीकृत ,व्यवस्था वैधानिक मान्य व स्थापित है आवश्यक अत्यन्त समझना को परिणामों I

सम्बंधित साहित्य की समीक्षा एवं प्रस्तावित समस्या का निरूपणः

परिवर्तन समय सामग्री सम्बंधित से विषय लिये के कर्ताओं अध्धयन भी फिर है हु एअनु सन्धान अनेक में संदर्भ के उत्पीड़न महिला में भारत पुराने पर होने लागू के कार्यकर्मों नये एवं अधिनियम नये है रहती ही अपर्याप्त साथ केअध्धयन अप्रासंगिक से बन जाते है महिला उत्पीड़न पर पूर्व में हु ए शोध कार्यों की समीक्षा करने से यह स्पष्ट हो जाता है कि अध्धयनकर्ताओं ने अपने एवं उद्देश्य के अध्ययनों सभी है किया अध्धयन से दृष्टीकोण अपने-नहीं मेल से उद्देश्यों के अध्धयन प्रस्तावित भी निष्कर्षखाते हैं I

ए) अल्टेकर एस .1938(ने महिलाओ की स्तिथि पर अणि विवेचना अध्धयन में प्रस्तुत की है इन्होंने अपने अध्धयन में भारतीय हिन्दू महिलाओ की स्तिथि पर एक ऐतिहासिक विश्लेषण प्रस्तुत किया है जो विभिन्न कालों में समाज में महिलाओ की आर्थिक सामाजिक और राजनितिक स्तिथि को स्पस्ट करता है I

सुशीला कौशिक)1985(ने अपना अध्धयन महिलाओं के उत्पीड़न पर विशेष रूप से केन्द्रित किया है समाज में महिला उत्पीड़न की विभिन्न स्तिथियों उनके स्वरूपों और अभिकर्ताओं के विश्लेषण का एक संदर्भ इन्होंने प्रस्तुत किया है उनके अनेकानेक सुधारों और प्रयासों के बाद भी महिलाएँ निरंतर उत्पीड़न को झेल रही है I

जिस्ट्स एम) बीबी फातिमा .1991(ने अपने अध्धयन में महिला कानूनों और फलस्वरूप महिलाओ की स्तिथि में होने वाले परिवर्तनों की विस्तृत विवेचना की है I

डॉ॰ सुभाष चन्द्र गुप्ता (2004) ने महिलाओ द्वारा कार्य क्षेत्र में प्रवेश से उत्पन्न असंगतिया तथा उनके कारणों को जानने का प्रयास अपनी कृति कार्यशील महिलाए एवं भारतीय समाज में किया है I जिसमें कार्य क्षेत्र में आने से उत्पन्न पारिवारिक असंगतियों को बुलझाकर किस तरह उनकी पारिवारिक एवं व्यावसायिक भूमिकाओं में सामंजस्य स्थापित्किया जा सकता है का स्पष्ट वरदान किया गया हैप्रमुख भारतीय संस्थानों द्वारा भी भारत में महिलाओं के उत्पीड़नहै प्रमुख जिनमें है रहे जा किये तथा है गये किये अध्धयन पर अत्याचार I

- Violence Against Women (Ongoing)
 (All Indian Association for Christian Higher Education)
- Atrocities Against Women Can Going (Women's Study Research Centre, Kurukshetra)
- 3. Violence Against Women (On Going) (Women's Centre, Bombay)

विषय से सम्बंधित साहित्य की समीक्षा से यह निष्कर्ष निकलता है कि महिला उत्पीड़न से सम्बंधित शोधकार्य पर्याप्त मात्र में हु ए है लेकिन अनुस्चित जाति की महिलाओ पर होने वाला मानवीय अधिकारों के संदर्भ में अंतर्राष्टीय सीमाएँ समाप्त हो रही है ऐसी स्तिथि में अनुस्चितजाति की महिलाओ के उत्पीड़न सम्बंधित समाजशास्त्रिय अध्धयन का महत्त्व और भी बढ़ जाता है I

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