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Content

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Assessment of Empathy, Impulsivity and Aggressiveness among Juvenile Offenders and Non-offenders: An Indigenous Investigation

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****** K. Gopalakrishnan,**

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Juvenile crime is a serious public health problem that exacts a significant financial and emotional toll on society. Adolescents who engage in significant delinquent behaviour are also at high risk of experiencing multiple deleterious outcomes in adulthood, including mental and physical health problems, unemployment, and relationship difficulties. Research suggests that aggressive and risk-taking behaviours are associated with deficits in emotional and cognitive development. Current study, it was hypothesized that physical and verbal aggression would significantly differ among adolescents who are juvenile offenders and others who are non-offenders of same age group and socio-economic status. The cross-sectional study encompasses 20 adolescents (10 offenders and 10 non-offenders/control group). The Buss-Perry Aggression Questionnaire (AQ, translated version) was utilized to identify the significant difference among the heterogeneous groups. Preliminary analyses revealed significant difference in four underlying factors viz. physical aggression, verbal aggression, anger, and hostility. Further, in line with other studies, younger age and male gender were robustly related to physical aggression. The findings in current study indicate the significant difference in physical, verbal, anger and hostility among juvenile offenders as compared to non-offenders on a backdrop of similar age construct, gender and socio-economic status.

KEY WORDS: Juvenile Offenders, Aggression, Physical Aggression, Verbal Aggression, Anger & Hostility.

Introduction:

The long history of human violence is difficult—if not impossible—to explain with contemporary psychological theories. Even before television, toy guns, steroids, narcotics, alcohol and violent computer games influenced our daily lives, men killed each other. Several cases of classroom violence, adolescent misbehaviour are reported everyday of every year. Juveniles and their behaviour are a result of multiple and sometimes complex causes. Juvenile Delinquency is one of many pressing

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social issues that have challenged Indian society by its roots. Children in conflict with the law are usually termed as Juveniles. Juvenile delinquent is a person, usually below the age of 18 who behaves in a way that is illegal or not acceptable by law. The United Nations Guidelines for the Prevention of Juvenile Delinquency (the Riyadh Guidelines) assert that "youthful behaviour or conduct that does not conform to overall social norms and values is often part of the maturation and growth process and tends to disappear spontaneously in most individuals with the transition to adulthood". The rates for both prevalence and incidence of offending appear highest during adolescence, when we plot rates of crime against age. The peak is sharp at about age 17 and the drop is evident in young adulthood. The majority of criminal offenders are teenagers; by the early 20s, the number of active offenders decreases by over 50%, and by age 28, almost 85% of former offenders desist from offending (Blumstein & Cohen, 1987; Farrington, 1986). According to National Crime Records Bureau Statistics, 2013, 43,506 crimes were registered under the Indian Penal Code (IPC) for juveniles. In 2014, a 5.7% increase was noticed over 2013 (31,725 cases) as more number of cases were registered under various sections of IPC against juveniles in conflict with the law. As much as 6,346 cases have been registered in the state of Madhya Pradesh, 5,175 cases in Maharashtra, 4,044 cases in Bihar and so on.

Basic assumptions of juvenile delinquency highlight the cultural and economic and social factors (parents, peers, society) as leading causes of juvenile delinquency. Socio-economic instability is often linked to persistent unemployment and low incomes among the youth, which can lead to poverty which can further, increase the likelihood of their involvement in criminal activity. Authoritarian and neglectful parenting style, broken families (divorced parents, single parent, no parents), peer group pressure (membership in delinquent gang, delinquent identities) and multitude of circumstances are responsible for delinquent behaviour. The findings of Steinberg L. and Ilana Blatt-Eisengart, 2001 revealed that juvenile offenders who characterize their parents with indulgent, authoritarian, and neglectful parenting style perform below average in academics and are socio-economically incompetent. Strain Theory by Robert Agnew states that delinquency is a result of an individual's inability to reach his/her goals which leads to frustration among individuals which leads to aggression. With passing years, researchers have increasingly paid attention towards aggression in children and its impact on them and society. Aggression is perceived as an intention to harm other human beings physically, emotionally and sexually. Aggression can be defined as an expression of destructive and violent tendencies (Plutchik& van Praag, 1997). Aggression is divided into Physical (punching, kicking, shoving etc), Verbal (abusing, slang etc), Anger and Hostility (Buss and Perry, 1992). Physical aggression among children from a very young age is not only a predictor of anti-social behaviour (Werner & Crick, 2004,) but it also calls for risk of substance abuse, alcohol use, depression, criminal behaviour etc. (Tremblay, 2004). Anger is considered to be the emotional component whereas hostility is considered to be the cognitive component of aggression. Grippingly, Zillman (1979, 1988) provided an absolutely fresh perception of aggression. According to him, aggression is a phenomenon which is a function of excitation caused by piled up events that cross a certain level of threshold. According to him aggression and anger occur in two ways: (a) immediately (considering intensity of the event is high and arousal is immediate), and (b) cumulatively, in which residual arousal transfers from one situation to another. Zillman saw anger as a process of catharsis.

A metanalytic review by M.C. Cappadocia, 2009 suggests physiological correlates and neurochemical deficits underlying aggressive behaviour. Increase and decrease production of cortisol in the presence and absence of stressful situations respectively may reflect a lack of self-control resulting in more impulsiveness and aggressive behaviours (Klimes-Dougan et al, 2001 and Shoal et al, 2003). Secondly, Dibble, A. and Kliewer, W, 2005 found that high cortisol level is associated with parent-reported high aggression level. Yet another study established that low levels of Autonomic Nervous System (ANS) during stressful situation results in lower inhibition and therefore, anti-social behaviour (Burke et al., 2002). These findings are supported by fearlessness theory (Raine, 1993). The theory recognizes that low autonomic nervous system arousal is associated with conduct disorders (characterized by aggression and anti-social behaviour) among children and adolescents (Lorber, 2004; Ortiz &Raine, 2004). Fourth theory i.e., Stimulation-Seeking theory(Raine, Venables, &Mednick, 1997; Quay, 1965) states the significance of low level of physiological arousal which results in an unpleasant internal state which intern leads to the individual to seek arousal from his/her environment. Hence juveniles display the need to seek or maintain arousal through aggressive or anti-social behaviours. Interestingly, low level of activation in the left amygdale was found to be associated with aggression and anti-social behaviour (Sterzer et al. 2005). Further, Sterzer et al., conducted FMRIs study on pre-adolescent and adolescent males with conduct disorder. The findings were compared to control group which consisted of children between ages 9-15 years. The subjects were shown pictures and videos which would usually elicit negative feelings. It was seen that children with conduct disorder (characterized by aggression and anti-social behaviours) exhibited low level of activation in the left amygdale while passively viewing picture-stressor as compared to the activation shown by children of age-matched control group. This neurobiological deficit indicates that children displaying aggression and anti-social behaviour have impaired understanding of emotional cues.

Moreover, Terrie E. Moffit's theory, 1993 draws a clear picture as to why the delinquency is highest among adolescents. He presented 'dual taxonomy' to understand anti-social behaviour among adolescents, which was widely accepted. He asserted two theories of antisocial behaviour, namely, life-course persistent anti-social behaviour or adolescent-limited anti-social behaviour. Moffitt drew a relation between age and anti-social behaviour stating that in life-course persistent anti-social behaviour, neuropsychological problems act together with criminality of the individual and criminogenic environment around him/her throughout his/her development and beyond resulting in a pathological personality. According to adolescent limited anti-social behaviour, certain anti-social behaviour was prevalent only during adolescence, decreasing dramatically over age, thus increasing temporarily during adolescent period. As this study focuses to unravel a significant difference in anger, hostility, verbal and physical aggression, it is imperative to understand the causal attributes for such aggressiveness among adolescents. Captivatingly, Moffit, Henry and Silva in the year 1990 and 1989 sought to establish the relation between poor verbal executive functions and antisocial behaviour. Adolescent New Zealand boys were taken as subjects who had a history of anti-social behaviour and conduct disorder from age 3 to age 15. The experimental group scored poorly on neuropsychological tests of verbal executive functions. Stanford-Binet test of cognitive performance was monitored. Interestingly, the age-matched control group, also diagnosed with conduct disorder scored well in neuropsychological tests, thus showing no

neuropsychological deficits. Hence a relation between verbal (neuropsychological) deficits and individuals exhibiting antisocial behaviour was established. In summary, an impressive number of longitudinal studies have arrived at similar conclusions, especially for males. If aggressive behaviour problems develop in the preschool years, a significant proportion of the children (as high as 50 per cent) will continue to experience similar problems in middle childhood and into adolescence. A substantial number of these adolescents will engage in antisocial behaviour. Our current study hypothesizes a significant difference in physical aggression, verbal aggression, anger and hostility among juvenile offenders and non-offenders.

Methods:

Subjects and Procedure

Considering the feasibility of the study, sample size was chosen to be 20. The sample for the study consisted of the inmates of the *Government Observation Home of Surat, Gujarat. With the help of random sampling method, a total of 10 inmates were interviewed out of ** inmates of the Home. Experimental group consisted of 10 Juvenile offenders and Control group consisted of **10** Non-Offenders. Around *90% of the juveniles were from Gujarat, and only *10% of the juveniles belonged to other states. The Home housed the offenders out of which *90% were accused and under trials. And the rest *10% of the inmates were convicted. Among them, *72% of the juveniles had stayed in the Observation Home for less than six months, *20% were staying since less than one year, and only *8% are staying since less than two years. Thus, total number of samples collected were20 juvenile offender and non-offender males. Approval letters from IBS, GFSU were taken to the Juvenile homes. Following which, we interacted with the inmates, thus building a rapport. To keep in line with the ethical standards, participants were informed about the study. Then, the questionnaire was administered. In order to keep matched Socio-economic-status among both groups, a government school was carefully chosen for test administration. The students were informed about the study. The administration of the questionnaires was done in regular class time. No incentives were given to the students as they voluntarily took part in the study.

Socio-economic status (SES), gender and the age construct were kept constant among offender and non-offender group. The average age of samples of both delinquent and non-delinquent groups was 16.5 years. Adolescents between ages 16-17 years were distinctly chosen for both delinquent and non-delinquent group in this study. The basic assumption behind choosing adolescents of 16-17 years was the fact that the physiological changes during this age is most rapid which results in emotional instability.

Measures:

The present study compares aggression among juvenile offenders and non-delinquent. It is in-between group comparison study. The Buss-Perry Aggression Questionnaire (Buss &Perry, 1992) consisted of 29 items which were scored along a five-point Likert scale - 1 = extremely uncharacteristic of me, 2 = somewhat uncharacteristic of me, 3 = neither uncharacteristic nor characteristic of me, 4 = somewhat characteristic of me and 5 = extremely characteristic of me. It has four subscales: physical aggression, verbal aggression, anger, and hostility. The scores were calculated as prescribed in the manual. The self-rating Buss-Perry Aggression Questionnaire (AQ) is considered by many to be the gold standard for measuring aggression. It has been criticized, for ex- ample, for contamination of item and sum scores with social desirability responding (SDR) (Becker, 2007; Harris, 1997). Despite the fact that the confounding effect of SDR has been found to be quite substantial

across all items, it had only a minimal distorting effect when evaluating the extent of bias

Statistical Ananlysis:

With the help of Statistical Package for Social Sciences (SPSS-21), data were analysed. Initially, means and standard deviations (SD) were calculated for describing the variable under investigation. Hypothesized significant differences in all four variables namely, physical, verbal, anger and hostility were tested by using two-sample *t*-test for independent samples.

Results:

Analysis of the obtained showed a significant difference in all four dimensions namely physical aggression, verbal aggression, anger and hostility (See Table 1 and Graph 1). As evident from the graph, juvenile offenders exhibit higher level of physical aggression, verbal aggression, anger and hostility as compared to non-offenders.

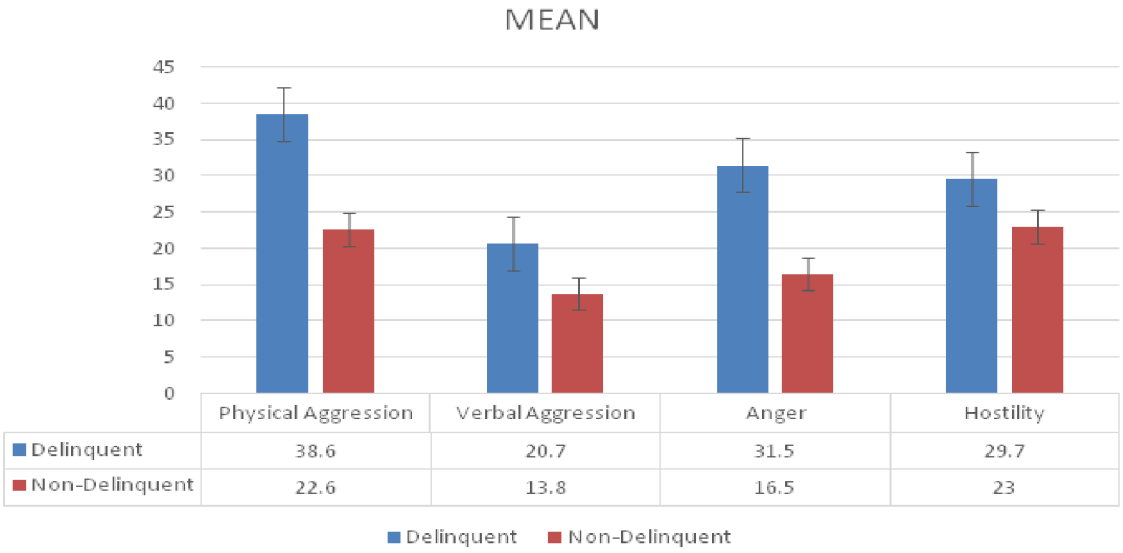

Table 1: Dimensions and Mean (SD's) for Juvenile Offenders and Non-Offenders

S. No.	Dimensions	Juvenile Offenders (Mean, S.D.)	Non-Offenders (Mean, S.D.)	P- value
1.	Physical Aggression	38.6(2.366)	22.6 (3.471)	<.05a
2.	Verbal Aggression	20.7 (1.059)	13.8 (4.341)	<.05a
3.	Anger	31.5 (3.308)	16.5 (4.905)	<.05a
4.	Hostility	29.7 (6.516)	23.0 (4.944)	<.05a

Table 2: t-Test Results for Dimension of Physical Aggression among two groups.

	PHYSICAL AGGRESSION GROUP	NUMBER OF SAMPLES	MEAN	STANDARD DEVIATION	STD. ERROR MEAN	T-TEST FOR EQUALITY OF MEANS SIG. (2-TAILED)	
SCORES	Delinquents	10	38.6000	2.36643	0.74833	EQUAL VARIANCE ASSUMED	4.75E-10
	Non-Delinquents	10	22.6000	3.47051	1.09747	EQUAL VARIANCE NOT ASSUMED	2.1252E-9

Physical Aggression is behavioural component of aggression. From the results mentioned (Table 2) above, it is evident that there is a significant difference in physical aggression of delinquent and non-delinquent group as the p value (0.000021252) is less than 0.05 at 5 % level of significance. Therefore, null hypothesis is rejected and difference in PA between two groups is considered significant.

Table 3: t-Test Results for Dimension of Verbal Aggression among two groups

	VERBAL AGGRESSION	NUMBER OF SAMPLES	MEAN	STANDARD DEVIATION	STD. ERROR MEAN	T-TEST FOR EQUALITY OF MEANS SIG. (2-TAILED)	
SCORES	Delinquents	10	20.7000	1.05935	0.33500	EQUAL VARIANCE ASSUMED	0.000119645
	Non-Delinquents	10	13.8000	4.34102	1.37275	EQUAL VARIANCE NOT ASSUMED	0.000626508

Verbal aggression is behavioural component of aggression. From the results mentioned above (Table 3), it is evident that there is a significant difference in verbal aggression of delinquent and non- delinquent group as the p value (0.000626508) is less than 0.05 at 5 % level of significance. Therefore, null hypothesis is rejected and difference in VA between two groups is considered significant.

Table 4: t-Test Results for Dimension of Anger among two groups.

	ANGER	NUMBER OF SAMPLES	MEAN	STANDARD DEVIATION	STD. ERROR MEAN	T-TEST FOR EQUALITY OF MEANS SIG. (2-TAILED)	
SCORES	Delinquents	10	31.5000	3.30824	1.04616	EQUAL VARIANCE ASSUMED	2.3742E-7
	Non-Delinquents	10	16.5000	4.90465	1.55099	EQUAL VARIANCE NOT ASSUMED	5.9128E-7

Anger is an emotional component of aggression. From the results mentioned above (Table 4), it is evident that there is a significant difference in anger of delinquent and non-delinquent group as the p value (0.000059128) is less than 0.05 at 5 % level of significance. Therefore, null hypothesis is rejected and difference in anger between two groups is considered significant.

Table 5: t-Test Results for Dimension of Anger among two groups.

	HOSTILITY	NUMBER OF SAMPLES	MEAN	STANDARD DEVIATION	STD. ERROR MEAN	T-TEST FOR EQUALITY OF MEANS SIG. (2-TAILED)	
SCORES	Delinquents	10	29.7000	6.51579	2.06047	EQUAL VARIANCE ASSUMED	0.018469360
	Non-Delinquents	10	23.0000	4.94413	1.56347	EQUAL VARIANCE NOT ASSUMED	0.019192704

Hostility is a cognitive component of aggression. From the results mentioned above (Table 5), it is evident that there is a significant difference in hostility of delinquent and non-delinquent group as the p value (0.019192704) is less than 0.05 at 5 % level of significance. Therefore, null hypothesis is rejected and difference in hostility between two groups is considered significant.

Discussion:

Aim of this study was to find a significant difference in aggression (consisting of physical and verbal, anger and hostility) among delinquent and non-delinquent sample keeping age, gender and SES constant and it was found that aggression significantly differs among the two groups which is also in line with the literature that has been reviewed.

The results can be substantiated by the findings of M.C. Cappadocia, 2009 who explains physiological correlates behind the high level of aggression among children with conduct disorder. Highlights of conduct disorder and anti-social behaviour are aggressive and anti-social behaviour. The influence of the HPA axis, cortisol level in bloodstream of the individual (M.C. Cappadocia, 2009), and low-level arousal of the ANS (Burke et al.), all together contribute to the overt aggressive behaviour exhibited by juveniles. According to various theories, low level of ANS arousal leads to low level of inhibition, thus reaching an unpleasant internal state which causes the individual to seek sensation or more physiological arousal (Raine, Venables, &Mednick, 1997; Quay, 1965). Shoal et al, emphasized that reduced cortisol may result in lack of self-control, impulsiveness therefore, aggressive behaviour. The above mentioned theories and many other support the findings that physical aggression in more in juvenile than in non-offenders. Moffit, Henry and Silva (1990, 1989) established a relation between anti-social behaviour (observed among children with conduct disorder) and poor verbal executive functions. As a consequence of increase in the level of physical aggression among juveniles, the emotional and cognitive component of aggression i.e. anger and hostility respectively are exhibited to be higher among juvenile offenders than in non-offenders. This phenomenon can be supported by theory stated by Zillman (1979, 1988) that aggression requires a certain threshold to be crossed. Events either cause immediate arousal or all the events gradually add to a certain intensity which crosses the threshold. According to Zillman, anger (emotional component), comes as a prelude to aggression. It is an emotion felt during the aggressive act and is often a predictor of the same. Hostility is the cognitive component of aggression which includes ill-will, resentment etc. According to Zillman, aggression is a method of catharsis and covert aggression (anger and hostility) are accompaniments of the same. Aggression researchers have often considered self-esteems a possible trigger for violent and aggressive behavior. Additionally, interest has increased in the contribution of emotion deregulation to aggression, yet research examining the joint role of self-esteem and emotion deregulation is lacking.

Strengths and Limitations:

Despite their relevance, the present findings should be considered in light of the limitations of this study. The current endeavor was carried out to gain an understanding of the nature of aggression among Indian Juvenile Offenders in order to theorize a causal model which would be valid in terms of Indian culture and population. It stresses on the need of better rehabilitative program. Yet, further research is needed to be carried out in order to find the magnitude by which aggression is more in juvenile offenders than in non-offenders. Since the sample size in this study was limited it is difficult to generalize the results to its population. Only males were

the participants for this study which further narrows down generalization process, as the results will not stand valid for female sample/ population.Another potential limitation of our study was that the cross-sectional design does not allow assessment of causality. As a result, it could be argued that other theoretical approaches could lead to a different ordering of the variables in our mediation analyses. Further study needs to be carried out where age and socio-economic-status are not the only independent variables.

Conclusion:

The present study provides proof that there is a significant difference in physical and verbal aggression, anger and hostility between juvenile offender and non-offender group. The level of aggression in juvenile delinquent is thus higher than in non-offenders.

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A Cognitive Behavioural Intervention to the Students Suffering From Depression.

**** Sumita Singh***

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Adolescence in human life is the stage when rapid changes take place. The individuals physical mental, social, moral and spiritual out looks undergo revolutionary changes. Such changes during adolescence are more rapid than during infancy and childhood. Due to these various changes his personality develops new dimensions. Adolescents experience a number of conflicts believes the tendency to depend and ability to be independent reality and fantasy; to follow a not follow the social norms, between empathy and social concern and between idealism and reality. Some of the important problems of adolescents in educational institutions are delinquency, day dreaming, ragging, scholastic backwardness, examination phobia, self pride, inferiority complex , anger, anxiety frustration, stress, depression, addiction to drugs, alcohol & cigarettes, depression and suicide. The purpose of the study is to counsel the student suffering from depression through cognitive behavioral intervention. In the present study, a survey was done to select the students then a total sample of 5 subjects was selected on the bases of level of depression. Initial data was taken and each case was counseled for one month then again data depression test was to see the significance of difference between pre and post test of depression. The t value was computed for each student.

Key words: cognitive behavioral intervention, depression.

With the progressive democratization of Education, phenomenal scientific and advancement of ever expanding world of work, increasing communication economic independence and growing search for a meaning in life and changing social and ethical values, it has become imperative that the children adolescents, youth and even adults have to be given broad based guidance and counseling at various crossroads in their chronological growth and development guidance is a service designed to help one individual on group of individuals in making necessary adjustment to environment, helping individuals through their own effects to discover and develop their potentialities both for personal happenings and social usefulness. Counseling is an art and science needed from cradle to the grave for adequate adjustment to the accepting relation of life needed from time to time.

Adolescence in human life is the stage when rapid changes take place. The individuals physical mental, social, moral and spiritual out looks undergo revolutionary changes. Such changes during adolescence are more rapid than

****HOD (Edu) Chhattisgarh Vanijaya Avam Vigyan Mahavidyalaya, Bhilai (C.G)***

during infancy and childhood. Due to these various changes his personality develops new dimensions.

Adolescents experience a number of conflicts believes the tendency to depend and ability to be independent reality and fantasy; to follow a not follow the social norms, between empathy and social concern and between idealism and reality.

Some of the important problems of adolescents in educational institutions are delinquency, day dreaming, ragging, scholastic backwardness, examination phobia, self pride, inferiority complex, anger, anxiety frustration, stress, depression, addiction to drugs, alcohol & cigarettes, depression and suicide.

Cognitive behavior therapy has been shown to be effective with mild to moderate unipolar, no psychotic depression (Beck et al., 1979). He used cognitive behavior therapy with depressed patients and found that at the end of their treatment, patients showed significant lessening of their depressive symptoms. Many reports and Meta analyses affirm the effectiveness of CBT as a beneficial method for treating depression Butler & Beck (2000) conducted a review of meta-analyses of cognitive behavior therapy. This review included 14 meta-analyses that covered collectively 9,138 subjects in 325 studies involving 465 comparisons for 14 disorders of populations. This was the first such review and the findings show that cognitive-behavioral therapy (CBT) is quite effective. In particular, this therapy is substantially superior (mean ES=.90) to no treatment, wait list and placebo controls for various psychiatric disorders including adult 51 and adolescent depression.

Merrill et al. (2003) in his study examined the effectiveness of transporting an empirically supported treatment for depression, cognitive behavior therapy to a community mental health center setting. CBT was delivered to 192 adult outpatients with major depression and a benchmarking strategy compared results with those of two randomized controlled trials. The 3 samples were largely similar in terms of initial severity of depression and CBT was as effective in reducing depressive symptoms in the current sample as in the randomized controlled trials. This study demonstrates that an empirically supported treatment can be used effectively in a clinical setting for the treatment of depression. Many recent studies have confirmed the efficacy of cognitive behavioral therapy for treating depression.

Feldman (2007) and Rohan et al. (2007) suggested that CBT is an effective non pharmacologic strategy for depression treatment that has received considerable empirical support.

Garratt et al. (2007) reported that CBT reduces the frequency of patients' negative thoughts and the severity of their dysfunctional attitudes and these changes are associated with depression reduction over the course of treatment.

Depression

Depression is one of the first psychogenic (with a psychological cause) disorders to be recognized and identified as a distinctive is entity. Depression has physical, emotional, cognitive and behavioral effects on the individual. The symptoms of depression often overlap with other disorders like anxiety and even with life stars. Thus identifying a group of symptom as depression and specifying their level is very important for the mental health professional.

Depression during adolescence has a negative impact on social, academic and family functioning, as well as being associated with an increased risk for recurrence and impairment in social-emotional functioning that extends into adult life. It is not simply a disorder of mood regulation but involves alterations in physiological and cognitive functioning. The study of de-

pression requires careful attention to developmental issues especially the challenges of adolescence.

Cognitive Behavioral Therapy

Cognitive – Behavioral therapy is a form of psychotherapy that emphasizes the important rule of thinking in how we feel and what we do CBT teacher that when our trains are healthy, it is our thinking that causes is to feel and act the way we do. Therefore, if we are experiencing unwanted feeling and behaviors, it is important to identify the thinking that is causing the feeling and behaviors and to learn how to replace this thinking with thoughts that lead to more desirable reactions.

Cognitive therapy is a kind of psychotherapy used to treat depression anxiety used to treat depression anxiety deadens phobias, delusional deciders and other fame of mental deciders.

It involves recognizing unhelpful a destructive patterns of thinking and reacting, then modifying a replacing these with more realistic a helpful ones. Its practitioners hold that clinical depression is typically associated with negativity biased thinking and irrational thoughts.

Strengths of CBT

1. Model has great appeal because it focuses on human thought. Human cognitive abilities have been responsible for our many accomplishments so may also be responsible for our problems.

2. Cognitive theories lend themselves to testing. When experimental subjects are manipulated into adopting unpleasant assumptions or thought they became more anxious and depressed.

3. Many people with psychological disorders, particularly depressive, anxiety, and sexual disorders have been found to display maladaptive assumptions and thoughts.

4. Cognitive therapy has been very effective for treating depression (Hollon & Beck, 1994), and moderately effective for anxiety problems.

Cognitive Behavioral Approach to Depression

Behavioral theorists suggest that depression results from faulty and irrational psychological perception, causing distorted learning and reasoning. This depressive cognition could be a result of traumatic experience or incapability of adaptive coping skills. Depressive people have a negative perception or belief about themselves and their environment. More the severity of one's negative thoughts more is the severity of one's depression symptoms.

Beck devised the negative cognitive triad, which includes the following three main dysfunctional belief themes or schemas, a depressive person experiences.

The depressed patients see themselves as inadequate, incapable of success and always as a victim of circumstances.

The patient considers all past and present experiences through the kaleidoscope of negativity, constantly emphasizing on defeats, failures and a victim mentality.

The depressed individual envisions the future, just as he interprets the past and present and sees only despair and hopelessness.

These beliefs focus attention towards negative aspects of life and the w ay information is processed. As perception becomes more distorted, selective attention is placed on failures and everything is approached negatively. The depressed person maneuvers all his feelings towards hopelessness unconsciously. In 1961, he developed the Beck Depression Inventory (BDI) that has a 21 item scale that uses a Likert scale to determine the severity of depression. It is one of the most widely used and referenced scales to measure depression.

Treating Depression

Aaron Beck put major emphasis on understanding and changing core beliefs as an ap-

proach to treating depression. By restructuring destructive thinking, he believed that positive changes could be brought in the patient. He considered the role of a therapist as crucial in the treatment. The therapist involves the patient in setting realistic goals and taking responsibilities for action and thought. By changing thought and perception, a change can be brought in behavior and emotional responses. A course is outlined to educate the patient on the concept of faulty thinking. New ideas and ways are generated to develop a positive outlook of oneself, experiences and the environment around. Sometimes, home assignments are also given to help the depressed person review and understand the impact of faulty thinking on his behavior and emotional well-being.

Beck combined Sigmund Freud's psychoanalysis with his own understanding and observations of schema and developed the cognitive behavior theory. He further developed Beck Scale for Suicidal Ideation, Beck Hopelessness Scale, Beck Anxiety Inventory and Beck Youth Inventories to help treat all kinds of mental disorders, today; psychiatrists worldwide use his cognitive behavior theory and various scales to treat patients suffering from depression.

Objects of the Study:

1. To conduct case study of depression among adolescents.
2. A cognitive behavioral Intervention to help adolescents to over- come depression.

Problem of the Study:

The problem of the present study is a cognitive behavioral intervention to the students suffering from depression.

Hypotheses:

There will exist a significant difference in the depression level of the subject after counseling.

Sample:

The present study was limited to study depression of Adolescent students only. Only 5 cases of depression were taken. The age was 12-16 years. The problems were identified based on the initial symptom of cases.

The present study is a serve to select students suffering from depression. After the selection case study method was used for counseling the student. The investigator selected depression cases from class 9 & 10 of Galib Memorial Higher Secondary School, Sector-6, Bhilai.

Research Method

For the cognitive intervention OF the students suffering from depression, a survey was done to select the students then a total sample of 5 subjects was selected on the bases of level of depression. Initial data was taken and each case was counseled for one month then again data depression test was to see the significance of difference between pre and post test of depression. The t value was computed for each student.

Tools & Techniques used

1) Observation
2) Interviews
3) Depression Inventory
   Becks depression Inventory (BDI)
4) Relationship technique
5) Supportive technique
6) Insight-interpretative technique
7) Role play

Depression Inventory Becks depression Inventory (BDI) was used to assess the depression of the samples. A copy of the questionnaires is completed by trained interviewer .The subject has another copy available to read from during the interview. This could also be administered as a self reporting instrument. To measure the significance of difference between the pre and post testing, t-value was calculated.

Becks depression Inventory (BDI) was used to assess the depression of the samples. The data of was taken on day 1 and the subjects were,

1) Trained for relaxation techniques
2) Cognitive intervention was given by, Re-

lationship technique, Supportive technique, Insight- Interpretative technique and Role play

3) Advised for physical activities.

4) Interviewed

After 30 day again the data was taken and the "t" value was calculated to know the significant difference.

Analysis and Interpretation:

The process of interpretation is essentially is of stating, what the result are a what the finding saw in fact, inter predation, critical examination of the result. The essentials of interpretation are an adequate knowledge of techniques to research and adequate knowledge's of one's field of study and capacity to do careful and critical thinking.

Table – I
Statistical inference of 't' for depression level of pre and post test

Depression level	N	N	SD	df	t - value		Result
					Cal	Tabl	
Pre test	5	166	5.7	8	5.22	2.30	S
Post test	5	129.2					

Table I shows that the mean and S.D. of depression level of students in pre test in 16.6 and in post test is 129.9 respectively. The 't' test was applied to test the significance of the difference between the means of depression level of pre test and post test. The 't' value obtained is 5.22 (df=8) which is more than the table value 2.30 at 0.05 level of significance. The proposed Hypothesis H_1 is accepted. Thus we can conclude that there will exist a significant difference in the depression level of the subject after counseling.

Conclusion:

On the basis of the present study it is concluded that cognitive behavioral intervention is an effective technique for reducing depression among students suffering from depression.

Implication:

The understanding gained from the present study is expected to be useful in planning cognitive behavioral intervention programmers' for students at a risk of depression. The interventions including counseling, trained for relaxation techniques, cognitive behavioral intervention (Relationship technique ,Supportive technique, Insight-interpretative technique Role play), physical activities, interviews ,that would help students to perceive and interpret stressful events in a healthy way to have a positive attitude towards life and it's never ending consequences that may interfere with their physical and mental development.

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Effect of Age on Orientation towards Valence

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Abstract

Valence is very important factor in field theory. It is responsible for decide persons behavior. On other hand, age is a major determinant of growth. Many changes in personality come with aging. In this current study we tried to establish relationship between age and valence. We hypothesized that age would have significant impact on valence orientation. Result showed that age has a significance impact on valence orientation.

Valence is very important factor in field theory of Lewin (1957) and expectancy model of Vroom (1964). Valence is responsible for behavior. According to field theory, valence is characteristics of external behavior. On other hand expectancy-valence theory suggests that individual performance depended on some conditions and rewards available are ones they value and desire. (Baron and Byrone, 1999). So it is clear that valence has very important role in selection of alternatives.

According to Singh (1997) that necessity, importance of work, advantage in present situation are important determinant of intensity of valence. As we know that age plays an important role to decide our behaviour and pattern of select alternatives. Human life span can be divided broadly in four phases e.g. adolescence, young age, middle age and old age. In this study four age group e.g. 16-20 years; 24-28 years; 40-44 years and above 60 years which

Represent above four age phases and we try to find out possible effect of age on orientation toward valence

Problem:

Whether age of the subjects has any impact on orientation towards valence?

Hypothesis:

It was hypothesized that age would show its significant impact on valence orientation. Subject of younger age group i.e., 16-20 years and 24-28 years would show lesser leaning for valence that their older age counterpart group of 40-45 years and above 60 years.

Method:

Design of the study and sample :

The present study explored the possible effect of age and orientation toward valence. There we employed four separate group design four levels of i.e., 16-20 years 24-28, 40-44 years and above 60 years and total 480 subjects comprised for the sample of the study.

Tool:

Wisdom orientation scale has been used to measure valence. This scale was developed by Agarwal (1998). This measures four type of orientation i.e., valence attitude, belief of control and subjective norm and social concern. We

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picked only dada of valence to fulfill our purpose

Procedure:

For the purpose of the study, subjects were contacted personally and were requested to participate in the study. Proper rapport was established with them. Subjects were administered the test individually.

Result and discussion:

Multi variant analysis were used to found interaction effect of age and orientation toward valence Results are given below-

Age group	Mean	d. f.	F
16-20 years	109.90	3,1456	19.03
24-28 years	118.38		
40-44 years	123.		

Results given in above table show that main effect of age on valence was found to be significance F (3.456) =19.03, $p<0.01$
Main effect of age support the hy

pothesis of the present study that age would show its significant impact on valence

The apparent reason of increasing orientation towards valence with age was learning, maturity, socialization emotional stability increasing responsibility and increasing number of roles.

The subject falling in the age group of 16-20 years has less responsibility and plenty of time to dream. Most of the crucial decision on their behalf is taken by their parents. Therefore less orientation was shown by this group. Subject falling in the age group of 24-28 years are supposed to get married by that time so they have to make crucial decision relating to their carrier family and some other front. Similarly middle age (44-45 years) group subjects hand full and they have many botherations (Lavinson and others, 1978, 86.) like ailing body, career of their children less predictable life (Newgarten,1979,1980).This age group showed maximum orientation towards valence.

People who are above 60 years showed relative less orientation towards valence than subject falling in the age group of 40-45 years. The likely reasons of decreased orientation on are superannuation (hence almost all have no professional responsibilities or liabilities) and almost settled life of children.

Emotional stability is another factor which varies with age and hence, has impact on orientation toward valence. Low age group (16-20years) is given too emotions, idealism and sentimentalities. The most important reason is hormonal changes. The subjects of young age group (24-28 years) are relatively more emotionally stable, Middle age group (40-44 years) is needed the age of most emotional stability (Conley,1985; Costa and McCrae, 1989; Finn, 1986 & Purohit, 1987) Old age group (above 60 years) people are relatively less emotionally stable.

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;kxkH;kl dju oky o ;kxkH;kl u dju oky fo|kfFk;k d ekufld LokLF; dk lkf[;dh fooj.k

Ø-	ryukRed leg	inRrk dh l[;k	e/;eku	iekf.kd fopyu	*Vh* eY;
1-	;kxkH;kl dju oky fo|kfFk;k	40	98-93	5-95	3.51**
2-	;kxkH;kl u dju oky fo|kfFk;k	40	93-02	8-85	
Lor=rk v'k df=78 P 0.01 lkFkd vrj g					

mijkDr lkj.kh dk voykdu dju ij Kkr gkrk g fd ;kxkH;kl dju oky fo|kfFk;k d ekufld LokLF; dk e/;eku 98-93 rFkk iekf.kd fopyu 5-95 ikIr gvk vkj ;kxkH;kl u dju oky fo|kfFk;k d ekufld LokLFk dk e/;eku 93-02 ,o iekf.kd fopyu 8-85 ikIr gvkA inRrk dh Lor=rk dk v"k 78 gA bld e/; *Vh eY;* 3-51 ikIr gvk tk 0-01 Lrj ij lkFkd vrj n"kkrk gA ;g ifj.kke bl rF; dh if'V djrk g fd ;kxkH;kl dju oky o ;kxkH;kl u dju oky fo|kfFk;k d e/; lkFkd vrj ik;k tkrk g vr% "kk/k ifjdYiuk Lohdr gkrh gA

vr% ;g fu'd'k fudkyk x;k fd ;kxkH;kl dju oky Lukrd fo|kfFk;k dk ekufld LokLF; ikIrkd lkFkd #i l vf/kd gA fot ;y{eh ¼1996½] jkl ,o Fkkel ¼2010½] ,o [kkylk ,o lkfFk;k ¼2012½ }kjk iFkd&iFkd fd; x; v/;;uk l mijkDr ifj.kkek dh if'V gkrh gA ;kx l LQfr ,o uopruk dk vdj.k iLQfVr gkrk g ftll thou lQy o vkune; gk tkrk g blfy, ;kx dk fu%lng ikB;p;k dk vx cuk;k tkuk pkfg,A Lukrd Lrj d fo|kfFk;k d ekufld LokLF; dk cgrj cuk, j[ku d fy, ifjokj] lekt o fo|ky; dk okrkoj.k "k) o "kkfre; gkuk pkfg,A bud ikB;Øe e ;kx dk egRoi.k LFkku gkuk pkfg,A lkFk gh lkFk f"k{kdk dk Hkh ;kx dk lgh if"k{k.k feyuk pkfg, rkfd Nk=k dk mudk ykHk gkA

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cLrj lHkkx d ernkrkvk e ernku dh vfHk:fp dk lo{k.k

*,l-d- urke
**t; flg
***Mh-ih-dj

Received	Reviewed	Accepted
25 Nov. 2016	05 Dec. 2016	20 Dec. 2016

iFkd jkT; fuek.k d ckn NRRkh lx< fo/kku lHkk dk rhljk puko nk pj.kk e liUUk gvkA igy pj.k e uDly iHkkfor vVBkjg fo/kku lHkkvk e rFkk nlj pj.k e 'k'k cgRrj lhVk ij gvkA /kj uDly iHkkfor {k=k e g, puko e ljlB ifr"kr l vf/kd ernku nt fd;k x;kA nkuk pj.kk d ernku d vk/kkj ij ij jkT; e vklru lrgRrj ifr"kr ernku gvk tk io dh ryuk e vf/kd FkkA jkT; e ernku dk ifr"kr c<u d db egRoi.k dkj.k jg gA

iLrr v/;;u e Nrhlx< d cLrj lHkkx e ernkrkvk d ernku d ifr vfHk:fp dk lo{k.k fd;k x;kA ftle voykdu o lk{kkRdkj fof/k d }kjk lpukvk dk ikIr dju d fy, mRrjnkrkvk l dN dFkuk ij ifrfd;k ikIr dh xbA ifj.kkek dh 0;k[;k e ;g ik;k x;k fd bl ckj puko vk;kx u puko io dh Rk;kjh] ernku d ifr mldh ikjn"kh 0;oLFkk] Qth ernkrkvk ij fu;=.k] QkVk;Dr ernkrk lph o ernkrk iph] vf/kdk"k ernkrk lfp;k dk iujh{k.k] ch-,y-vk dh fu;fDRk] ernkrk lgk;rk dUn dh LFkkiuk rFkk viu ernkrk tkx:drk dk;de d iHkkoh fd;kU;u l ernku fnol dk ykdr= dk io cuk fn;k vkj ernku d ifr cLrj lHkkx d ernkrkvk dh vfHk#fp e ldkjkRed :i l of) gk jgh gA

iLrkouk

uoECkj 2013 dk NRRkh lx< fo/kku lHkk dk puko iFkd jkT; fuek.k d ckn dk rhljk puko gA fo/kku lHkk dk ;g puko jkT; e nk pj.kk e liUUk gvkA igy pj.k e uDly iHkkfor 18 fo/kku lHkk e rFkk nlj pj.k e 'k'k 72 lhVk ij gvkA /kj uDly iHkkfor {k=k dh 18 lhVk ij g, puko e 67 ifr"kr l vf/kd ernku nt fd;k x;kA nkuk pj.kk d ernku d vk/kkj ij ij jkT; e vklru 77 ifr"kr ernku gvk tk o'k 2008 d 71-09 ifr"kr dh ryuk e 6 ifr"kr vf/kd gA jkT; e ernku dk ifr"kr c<u d db egRoi.k dkj.k jg gA

puko vk;kx d le{k lcl cMh pukrh Fkh fd dl uDlfy;k d puko cfg'dkj d chp mud lHkkfor gey dk jkdk tk; vkj ;g lfuf"pr

*lgk;d ik/;id] jktuhfr 'kkL=] 'kkl- nUr'ojh Lukr- egkfo|ky;] nUrokMk ¼N0x0½
**lgk;d ik/;id] eukfoKku] 'kkl- nUr'ojh Lukr- egkfo|ky;] nUrokMk ¼N0x0½
***ik/;id vFk'kkL=] 'kkldh; bUnkorh egkfo|ky;] Hkkikyivue ¼N0x0½

fd;k tk; fd ernkrk fuHkhd gkdj ernku dj ldA jktufrd nyk d iR;kf"k;k d [kpk vkj vkpkj 0;ogkj ij iHkkoh fu;=.k Hkh vk;kx d lkeu fdlh pukrh l de ugh FkkA puko liUUk gku d ckn ;g lkQ gk jgk g fd vk;kx dh bu pukfr;k dk bl ckj jkT; d i"kklfud r= o ifyl vkj v)lfud cyk u viu mij fy;kA lj{kk cyk u u doy viu lkj i;kxk dk lQyrk l ykx fd;k cfYd uDlfy;k dk "kfDRkghu djr g, mud iHkkoh {k= e ?kldj ernkrkvk rFkk puko e lyXu dfe;k dk lj{kk inku dhA igyh ckj efgyk ernkrkvk dk yxk d mud ernku d fy; puko vk;kx u lj{kk dh vHkrio 0;oLFkk dh gA bld dkj.k o fuHk; gkdj ?kj l fudydj ernku dUnk e ernku d fy; vkbA ;gh dkj.k g fd bl ckj "kgjk l T;knk ernku xkok e gvk vkj i:'kk dh ryuk e efgykvk u vf/kd ernku fd;A lj{kk dk ydj puko vk;kx fdruk lonu"khy Fkk ;g blh ckr l le>k tk ldrk g fd puko e ,d yk[k l vf/kd lj{kk deh rukr fd; x; FkA bld lkFk gh pukoh okrkoj.k cuku e puko vk;kx viuh lj{kk 0;oLFkk dh iHkkoh ekdfVx dju e Hkh lQy jghA fu'kl ing NRRkh lx< d 2013 d fo/kkul Hkk puko dk ,frgkfld :i l nk dkj.kk l ;kn fd;k tk;xk& igyh rk ;g fd puko vk;kx dh ikjn"kh 0;oLFkk vkj db ekey e cjrh xb l[rh u bl vc rd dk lcl vu"kkflr puko cuk fn;k g rk nlj h ;g fd lj{kk cyk dh j.kuhfr d pyr jkT; d bfrgkl e bl vc rd dk lcl jDrgh puko ekuk tk ldrk gA

io v/;;u n"kkr g fd ernku 0;ogkj dk vud dkjd iHkkfor djr g] tl lkekftd& eukoKkfud (Campbel, et. al., 1960), rd (Fiorina, 1981)]lkekftd x.kuk, (Beck, 2002), fooj.kkRed lkekftd ekud (Gerber & Rogers, 2009) vkfnA bu ifj.kkek dk nf'Vxr j[kr g, Hkkjr fuokpu vk;kx d }kjk ernku d ifr"kr dk c<ku d fy; ernkrk tkx:drk dk;de pyk;k x;kA bl dk;de e ÞLohi lykuÞ (Systemetic Voters Education & Electoral Participation) u Hkh ernkrkvk dk tkx:d dju e egRoi.k Hkfedk fuHkk;h gA bld rgr jkT; d leLRk "k{kf.kd lLFkkuk e fofo/k fo/kkvk ;Fkk fuc/k y[ku] ikLVj y[ku] ukj y[ku] okn&fookn ifr;kfxrk rFkk uDdM ukVd ifr;kfxrk d ek/;e l ;ok ernkrkvk l ernku dju dh vihy dh xbA bll ;ok ih<h e ernku dh Lohdkjkfdrk c<hA bld vfrfjDRk fQYe o Vh0oh0 dykdkjk rFkk pfpr 0;fDRkRo l ernku dju dh vihy tkjh djkb xbA cl vMMk vkj lkotfud LFkkuk ij cM&cM gkfMx yxkdj ernkrkvk l okV Mkyu dh vihy dh xbA blh rjg Ldy&dkyt d fo|kfFk;k dk mud ekrk&firk l ldYi i= Hkjk;k x;k Fkk fd o ernku dju ernku dUn vo";tk;xA puko vk;kx d }kjk ernku dk ifr"kr c<ku d fy; tk ukj o mfDr;k dk vR;f/kd ipkfjr fd;k Fkk ftle& etcr ykdr= e lcdh Hkkxhnkjh] okV veY; g] ejk okV ejh rkdr] ernku e /kk[kk er [kkuk&viuh vDy yxkuk] bru ykdfi; g, fd bul f"kf{kr ernkrk o ;ok ih<h cgr vf/kd m}fyr g,A bl puko e igyh ckj bO0ghO ,e0 e"khu e uu vkQ n vcc ¼mijkDr e l dkb ugh½ ukVk dk fodYi Hkh ernkrkvk d fy, dkrgy dk fo'k; FkkA bld dkj.k Hkh ernkrkvk dh vfHk:fp ernku d ifr c<hA

v/;;u dk mnn";%

iLrr v/;;u Nrhlx< d cLrj lHkkx e ernkrkvk d ernku d ifr vfHk:fp dk lo{k.k^^ fuEufyf[kr mnn";k dh ifr d fy, fd;k x;k g&

1- Ekrnkrkvk d ernku d ifr vfHk:fp o ijd rRok dk irk yxkukA

2- ernku gr ifjr dju d /;; l Hkkjr

fuokpu vk;kx }kjk lpkfyr ernkrk tkx:drk dk;de dh iHkko"kh yrk dk eY;kdu djukA

v/;;u dk {k=%

v/;f;r cLrj lHkkx Nrhlx< d nf{k.k Hkkx e fLFkr gA bl lHkkx d mRrj e jk;ij lHkkx] nf{k.k &io e vk/kin"k] io e mMhlk rFkk if"pe e vk/kin"k o egkjk'V jkT; dh lhek gA Nrhlx< jkT; d pkj lHkkxk e l ,d ;g lHkkx jk tufrd o i"kklfud nf'V l u doy jkT; e cfYd jk'Vh; Lrj ij Hkh viuk fof"k'V LFkku j[krk gA jk tufrd o i"kklfud nf'V l bl lHkkx dk lkr ftyk rFkk ckjg fo/kkul Hkk {k=k e foHkkftr fd;k x;k gA ipj ek=k e miyC/k ikdfrd o ou lEink d dkj.k bl lHkkx dk vkj Hkh vf/kd egRo c< tkrk gA cLrj lHkkx vk|kfxd nf'V l Hkh dkQh egRo j[krk g bl {k= e gh Hkkjr dh ldMk o'kk dh ykgk o bLikr dh t:jrk dk ijk dju dk ykg v;Ld dk HkMkj gA cykMhyk rFkk cpyh e ,u0,e0Mh0lh0 d }kjk ykg v;Ld dk mR[kuu fd;k tk jgk g]tgk l n"k gh ugh fon"kk dk Hkh ykg v;Ld dh vkifr dh tk jgh gA v/;f;r {k= igkMh] nxe oU; {k= o dfBu Hkkxkfyd {k= e fLFkr gA ;g {k= dN o'kk l uDlyh fgld xfrfof/k;k d dkj.k dkQh pfpr gA

v/;;u dh fof/k%

iLrr v/;;u ikFkfed ledk ij vk/kkfjr gA ikFkfed ledk dk ldyu voykdu o lk{kkRdkj fof/k d }kjk fd;k x;k A lk{kkRdkj l ikIr lpukvk dk i"ukoyh@vulph e fyfic) fd;k x;kA dN lpukvk dk ikIr dju d fy, e/;LFkk dk lgkjk Hkh fy;k x;kA vf"kf{kr mRrjnkrkvk l lpuk ikIr dju d fy, lkefgd lk{kkRdkj fof/k dk i;kx fd;k x;k A i"ukoyh@vulph l lcf/kr i"uk dk {k=h; o LFkkuh; Hkk'kk e iN x; bld fy, xko d ef[k;k dk lgkjk fy;k x;kA

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cLrj lHkkx d 07 ftyk d 12 fo/kkul Hkk {k=k e ledk dk ldyu] fun"ku i}fr l fd;k x;kA xkek o mRrjnkrkvk d p;u e fuEufyf[kr ckrk dk /;ku e j[kk x;k&

1- iR;d fo/kkul Hkk {k= l 40&40 mRrjnkrkvk l i"ukoyh@vulph Hkjok;h x;hA

2- iR;d fo/kkul Hkk {k= d 40 mRrjnkrkvk e 20 i:'k rFkk 20 efgykvk dk lfEefyr fd;k x;kA

3- ,l xkok dk p;u fd;k x;k tgk fofHkUu tkfr d ykx clr gk rFkk mRRjnkrkvk dk p;u djr le; vk; rFkk vk; Lrj dk Hkh /;ku j[kk x;kA

4- "kgjh fo/kkul Hkk {k= txnyij e mRrjnkrkvk dk p;u "kgj d vyx&vyx {k=k l fd;k x;kA

5- v}"kgjh fo/kku lHkk {k= dk.Mkxko o dkdj e mRrjnkrkvk dk p;u "kgjh o xkeh.k {k=k l leku :i l fd;k x;kA

ij cLrj lHkkx e vf/kdk"k mRrjnkrk 18&28 vk; ox d 29-00 ifr"kr rFkk 28&38 d 29-40 ifr"kr tcfd 38&48 vk; ox d 20-02 ifr"kr FkA lo{k.k e vklru 19-3 ifr"kr mRRkjnkrk vf"kf{kr] 18-5 ifr"kr ikFkfed] 16-7 ifr"kr gkbLdy] 18-33 ifr"kr gk;j ld.Mjh rFkk 26-7 ifr"kr fMIykek @Lukrd Lrj d "kkfey fd; x;A

ledk dh ldyu fof/k%

iLrr v/;;u e ikFkfed ledk dk ldyu voykdu o lk{kkRdkj fof/k d }kjk fd;k x;kA lpukvk dk ikIr dju d fy, mRrjnkrkvk l fuEufyf[kr dFkuk ij ifrfd;k ikIr dh x;h &

1 io d pukok e ernku dh fLFkfr
2 fo/kkul Hkk puko 2013 e ernku dh fLFkfr
3 ernku d frfFk dh tkudkjh

ifj.kke%

lo{k.k l ikIr vkdMk d fo"y'k.k i"pkr mijkDr dFkuk ij ikIr mRRkjk dk ifr"kr Kkr fd;k x;k vkj blh vk/kkj ij 0;k[;k fuEuor iLrr g&

io d pukok e ernku dh fLFkfr%

lHkkx d 89-8 ifr"kr ernkrk io d pukok e ernku dj pd gA "k'k 10-2 ifr"kr ernkrk ;k rk ;ok g tk iFke ckj ernku fd; g ;k tk dHkh ernku gh ugh fd; gA

fo/kku lHkk puko 2013 e ernku dh fLFkfr

fo/kku lHkk puko 2013 e cLrj lHkkx d ernkrkvk e viu vf/kdkj d ifr mRlkg n[kk x;kA ;g mRlkg puko vk;kx d }kjk pyk, x; tkx:drk vfHk;ku dk ifj.kke gA

ernku d frfFk dh tkudkjh%

ernku frfFk dh tkudkjh d L=kr e ernkrk iph] njn"ku] lekpkj i= rFkk VhOohO lokf/kd iHkkoh gAvr% fuokpu vk;kx dk vkj vf/kd ipkj ilkj bu ek/;ek l fd;k tkuk pkfg;A

puko e ernku dk dkj.k%

cLrj lHkkx d vf/kdk"k mRrjnkrkvk u ernku djuk mudk vf/kdkj o drC; g] vPNk vkj lgh dk; g] mud ikl bfid dkM g rFkk mUg ernkrk iph feyuk] dk ernku dk ie[k dkj.k ekuk gA ;|fi 6-3 ifr"kr mRrjnkrkvk dk ;g ekuuk de egRoi.k ugh g tk ;g ekur g fd bl ckj lj{kk dh ijh 0;oLFkk dh xb FkhA

ernku d nkjku ij"kkuh%

ij cLrj lHkkx d 45-4 ifr"kr mRrjnkrkvk dk ;g dFku g fd mUg ernku d nkjku ernku gr yEch drkj l ij"kkuh gb tcfd 20-1 ifr"kr ernkrkvk u ;g dgk fd ihu dk ikuh dk lefpr ic/k ugh FkkA

puko e ernku dk vuHko%

ij cLrj lHkkx d 57-00 ifr"kr mRRkjnkrk ;g ekur g fd mudk ernku dk vuHko cgr vPNk jgk tcfd 28-00 ifr"kr mRRkjnkrkvk dk ;g er g fd mud vuHko vPNk jgk gA l[kn ckr ;g g fd lex d 11-1 ifr"kr mRRkjnkrkvk u mRd'Vrk dk Hkh vuHko fd;k tk ;g crkrk g fd tutkrh; {k= d ernkrk Hkh vc ernku dk xHkhjrk l y jg gA

ernku ugh dju dk dkj.k%

cLrj lHkkx e ernkrkvk d ernku ugh dju d dkj.kk e mud futh dkj.k vf/kd mRRkjnk;h gA lHkkx e puko d nkjku ernkrkvk }kjk ernku ugh dju d dkj.kk tl Hk;] ernku dUn l njh] bfid dkM dk u gkuk] ernkrk iph ikIr ugh gkuk] ernku dUn dh tkudkjh u gkuk] lkekftd jhfr fjokt dk c/ku] ernku dk egRo u gkuk vkfn lngk dk fuokpu vk;kx dkQh gn rd nj dju e lQy jgk gA

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cLrj lHkkx e fuokpu vk;kx }kjk cPPkk l ekrk&firk dk ernku gr ldYi i= Hkjoku dh j.kuhfr dk cgr vf/kd iHkko ugh iMkA bldk dkj.k ;g gk ldrk g fd f"k{kdk }kjk fo|kfFk;k dk xHkhjrk iod ldYi i= ugh CkVok;k x;k gk ;k fo|kfFk;k ,o ikydk u bl xHkhjrk l ugh fy;k gkA

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;|fi cLrj lHkkx d 0-8 ifr"kr mRrjnkrk gh ;g Lohdkj djr g fd mUg il k@"kjkc tlh phtk dk iykHku fn;k x;kA bld ckn Hkh bl ckr dk udkjk ugh tk ldrk fd ernkrkvk dk il k@"kjkc vkfn dk iykHku ugh fn;k tk jgk gA lkFk gh 3-8 ifr"kr mRrjnkrk ;g ekur g fd mUg "kjkc@il forj.k dh tkudkjh Fkh fdUr okLrfod :i e ;g vf/kd gk ldrk gA

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ifj.kke dh 0;k[;k l ;g Li'V gvk fd puko vk;kx }kjk puko io dh Rk;kjh] ernku d ifr mldh ikjn"kh 0;oLFkk] Qth ernkrkvk ij fu;=.k] QkVk;Dr ernkrk lph o ernkrk iph] vf/kdk"k ernkrk lfp;k dk iujh{k.k] ch-,y-vk dh fu;fDRk] ernkrk lgk;rk dUn dh LFkkiuk rFkk viu ernkrk tkx:drk dk;de d iHkkoh fd;kUo;u l ernku fnol dk ykdr= dk io cuk fn;kA bld dkj.k ernkrkvk dk viu er d egRo dk irk pyk vkj mUgku ernku e c<&p<dj fgLLkk fy;kA vk;kx ernkrkvk dk ;g crku e lQy jgk fd ykdr= mudh otg l vkj mud er dh rkdr l gh etcr gk ldrk gA iLrr v/;;u d fu'd'k Lo#i ;g dgk tk ldrk g fd ernku d ifr cLrj lHkkx d ernkrkvk dh vfHk#fp e ldkjkRed :i l of) gk jgh g tk ykdr= d fy, "kHk ldr gA

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tutkrh; urRo d fodkl e lgk;d dkjdk dk iHkko

¼Mkkj fty d fo"k'k lnHk e½

**nhokuf lg ckfj;k*

Received	Reviewed	Accepted
03 Dec. 2016	10 Dec. 2016	15 Dec. 2016

urRo ,d ekuoh; x.k g] tk ,d 0;fDr dk mld lenk; l ikIr gkrk g] jktuhfrd urRo ,d fof"k'V {k= e ik;k tkrk g] tk lh/k rkj ij "kklu] lŸkk ,o "kfDr l tMk gkrk gA fdlh Hkh lenk; e jktuhfrd urRo dk ik;k tkuk mld lŸkk ,o "kklu e Hkkxhnkj cukrk gA ftl lenk; e jktuhfrd urRo dk vHkko g] ogk mlh ek=k e jktuhfrd vlgHkkfxrk ik;h tkrh gA tk mld fodkl e ,d jkMk gA

ikphu dky l Hkkjr d dN {k=k e tutkrh; lenk; dk jktuhfrd urRo fo|eku Fkk] vkj Lor=rk lxke e Hkh mUgku ijk ;kxnku fn;k gA db tutkfr vkUnkyu g; gA vktknh d ckn Hkh tutkrh; lenk; viu jktuhfrd urRo dk c<krk jgk g] yfdu mldh xfr lrk'k tud ugh gA mld urRo dk mruk fodkl ugh gk ik;k g fd bldk i.k ifrfuf/kRo dj ld vkj ;g ,d jktuhfrd leL;k cu xb gA oreku e bud urRo fodkl d fy, lgk;d dkjdk dk v/;;u djuk oreku jktuhfr "kk/kk dh ,d egrh vko";drk gA ;g v/;;u blh vko";drk dh ifr dk i;kl gA

iLrkouk %

urRo {kerk ekuoh; lekt e viuk egRoi.k LFkku j[krh gA ekuoh; fØ;kvk e dkb Hkh {k= ,lk ugh g] tgk urRo dk iHkko ugh iMrk gkA urRo dk 0;fDr;k dk iHkkfor dju dh ,d dyk ,o ifØ;k d :i e le>k tk ldrk gA ftle lkefgd mnn";k dk ikIr dju gr ,d fuf"pr fn"kk e vkx c<k tk ldrk gA gkt rFkk tkulu d vulkj & ^^urRo vk/kkHkr :i l og ;kX;rk g ftld vk/kkj ij vkipkfjd ;k vukipkfjd fLFkfr;k

** ih,p-Mh- "kk/kkFkh ¼jktuhfr foKku½ foØe fo"ofo|ky; mTtu ¼e-i-½*

e nljk dh vfHkofŸk;k ,o 0;ogkj dk fuek.k fd;k tkrk g vkj ml ,d fuf"pr fn"kk e <kyk tkrk gA^^ ¼gkt ,.M tkulu]1955½ blh idkj vkMo u fy[kk g & ^urRo 0;fDr;k dk dN leku mnn";k ftudk fd o ikIr djuk pkgr g d fy, lg;kx dju gr iHkkfor dju dh ifØ;k gA^^ ¼vkMo]1935½

Hkkjr e Lor=rk d ckn l tutkrh; {k=k d i"kklu e egRoi.k ifjoru vk;k g ,o blu tutkrh; lenk;k dk cgr rth l iHkkfor fd;k gA "kgjh ,o xkeh.k LFkkuh; Lo"kklu u tutkrh; urRo d ijEijkxr Lo:i dk ijh rjg ifjofrr dj fn;k gA ikphu le; e tutkfr;k dh viuh i"kklfud 0;oLFkk Fkh ft ldk viuk fo"k'k egRo FkkA ;g 0;oLFkk ^dchyk iFkk^ dgykrh FkhA ;g iFkk vkt Hkh Hkkjr ,o vÝhdk d dN tutkrh; legk e fo|eku gA ble dchyk ij bld ef[k;k dk lEi.k fu;U=.k gkrk Fkk ,o dchyk d lHkh ykx mldk vkn"k ekur Fk ,o vknj djr FkA ¼HkÍ 2002½

e/;in"k ,d tutkfr cgy jkT; g] ;gk yxHkx 46 tutkfr lenk; fuokl djr gA ; lHkh lenk; viuh&viuh fo"k'k lLdfr ,o lkekftd 0;0kLFkk dk ikyu djrh gA lHkh leg viu fo"k'k {k= e fuokl djr gA o vi{kkdr ,dkUr e iorh; {k=k ;k ouk e fuokl djr gA bl ,dkUrokl d dkj.k mudk llkj d ifr nf'Vdk.k lhfer gk tkrk gA blhfy, mudk thou ijEijkvk l f?kjk vkj mudk bfrgkl ijkdFkkvk l c/kk gkrk gA ¼vVy ,o fllkfn;k] 2011½ tutkfr lekt e viu lnL;k ij fu;=.k cuk; j[ku d fy; viuh ijEijkxr tutkrh; ipk;r 0;oLFkk FkhA

rdjhcu lHkh tutkrh; xkok e fdlh u fdlh :i e Lo"kklh 0;oLFkk dk;e gA ijEijkxr i/kku g vkj reke foijhr ifjfLFkfr;k d ckn Hkh ijEijkxr Lo"kklh 0;oLFkk vkt Hkh fo|eku gA ¼iky] 2007½ vk/kfud jktuhfrd 0;oLFkk e mudh lgHkkfxrk de g] bldk ie[k dkj.k f"k{kk dk vHkko gA

bldk ,d n'ifj.kke ;g gvk fd Lor=rk d i"pkr fodkl d tk volj lekt dk fey mldk ijk ykHk vkfnokl h ugh mBk ik,A gkykfd ;g ykHk mu rd igpku d ekey e "kklu u viuh rjQ l dkb dlj ckdh ugh NkMhA ¼uk;M] 1997½

"k: l gh ouh;] xkeh.k ,o njnjkt d {k=k e fuokl dju d dkj.k ;g lenk; jktuhfrd 0;oLFkk l dVk jgk gA ;gh dkj.k g fd bue jktuhfrd urRo] pruk ,o lgHkkfxrk dk vHkko ik;k tkrk gA

e/;in"k dk /kkj fty tutkfr tul[;k e cgyrk fy; g; gA ;gk e/;in"k d lHkh fty e lcl vf/kd tutkfr tul[;k fuokl djrh gA bl fty e Hkhy] Hkhykyk] ckjyk] ,o iVj;k vkfn tutkfr ik;h tkfr g] tk eyr¼ Hkhy tutkfr leg dh gh tutkfr;k gA ;g v/;;u blh fty ij fd;k x;k gA

"kk/k d mnn";¼

1- tutkfr lenk; e g, jktuhfrd urRo d fodkl dk v/;;u djukA

2- tutkfr urRo d fodkl e lgk;d dkjdk dk fo"y'k.kRed v/;;u djukA

"kk/k fof/k¼

1- v/;;u dk lex & e/;in"k d /kkj fty e fuokljr leLr tutkfr ifjokj iLrr v/;;u dk lex gA

2- v/;;u dh bdkb & v/;;u dh bdkb tutkfr ifjokj gA {k= l 500 tutkfr ifjokjk dk v/;;u d fy; p;fur fd;k x;k gA

rF; ldyu d L=kr¼

1- ikFkfed L=kr& ikFkfed rF;k d ldyu

d fy; lk{kkRdkj] vulph] voykd ,o leg ppk dk mi;kx fd;k x;k gA

2- f}rh;d L=kr& f}rh;d RkF;k d ldyu d fy; iLrdk] "kk/k ic/kk] tuy ,o "kkldh; nLrkotk dk mi;kx fd;k x;k gA

rF;k dk fo"y'k.k & lk{kkRdkj vulph l ikIr rF;k dk dEI;Vj l SPSS lk¶Vo;j d }kjk fo"yf'kr fd;k x;k gA tk bl idkj g

lkj.kh Ø- 01
mÝkjnkrkvk dh vk;okj fLFkfr

l-Ø-	vk; ¼o"kk e½	vkofÝk	ifr'kr
1	18&30	90	18%
2	31&40	240	48%
3	41&50	125	25%
4	51&60	25	05%
5	61 o"k ,o vf/kd	20	04%
;kx		500	100

mijkDr lkj.kh l Li'V gkrk g fd mÝkjnkrkvk dh lokf/kd l[;k 31 l 40 o'k vk; ox dh g tcdh lcl de 61 o'k l vf/kd vk; ox d mÝkjnkrkvk dh gA

lkj.kh Ø- 02
mÝkjnkrkvk dh tutkfrokj fLFkfr

l-Ø-	tutkfr	vkofÝk	ifr'kr
1	Hkhy	275	55
2	Hkhykyk	145	29
3	Ckjyk	50	10
4	iVfj;k	30	06
;kx&		500	100

mijkDr lkj.kh l Li'V gkrk g fd v/;;u e lfEefyr mŸkjnkrkvk e l lokf/kd mŸkjnkrk Hkhy tutkfr ,o lcl de iVfj;k tutkfr d gA

lkj.kh Ø- 03
mŸkjnkrkvk d ifjokj dk Lo:i

l Ø-	ifjokj dk Lo:i	vkofŸk	ifr'kr
1	,dy ifjokj	310	62
2	l;Dr ifjokj	190	38
;kx&		500	100

lkj.kh Ø- 03 l Li'V g fd 62 ifr"kr mŸkjnkrk ,dy ifjokj e jgr g tcdh 38 ifr"kr mŸkjnkrk l;Dr ifjokj l gA

lkj.kh Ø- 04
mŸkjnkrkvk fuokl {k=

l-- Ø-	ifjokj dk Lo:i	vkofŸk	ifr'kr
1	'kgjh	200	40
2	xkeh.k	300	60
;kx&		500	100

lkj.kh Ø- 04 l Li'V g fd 60 ifr"kr mŸkjnkrk xkeh.k {k= l g] tcdh 40 ifr"kr mŸkjnkrk "kgjh {k= e fuokl djr gA

lkj.kh Ø- 05
jktuhfrd jfy;k e Hkkxhnkjh

l-- Ø-	jktuhfrd jfy;k e Hkkxhnkjh	vkofŸk	ifr'kr
1	gk	360	72
2	ugh	140	28
;kx&		500	100

lkj.kh Ø- 05 l Li'V g fd 72 ifr"kr mŸkjnkrk jktuhfrd jfy;k e Hkkx yr g] tcdh 28 ifr"kr mŸkjnkrk jktuhfrd jfy;k e Hkkx ugh yr gA

lkj.kh Ø- 06
jktuhfrd nyk dh lHkkvk e urRo

l-- Ø-	jktuhfrd nyk dh lHkkvk e urRo	vkofŸk	ifr'kr
1	gk	325	65
2	ugh	175	35
;kx&		500	100

lkj.kh Ø- 06 l Li'V g fd 65 ifr"kr mŸkjnkrk jktuhfrd nyk dh lHkkvk e Hkkx yr g] tcdh 35 ifr"kr mŸkjnkrk jktuhfrd nyk dh lHkkvk Hkkx ugh yr gA

lkj.kh Ø- 07
fojk/k in"ku e urRo

l-Ø-	fojk/k in'ku e urRo	vkofÝk	ifr'kr
1	gk	310	62
2	ugh	190	38
;kx&		500	100

lkj.kh Ø- 07 l Li'V g fd 62 ifr"kr mÝkjnkrk "kklu d fo:~ gku oky fojk/k in"ku e urRo djr g] tcdh 38 ifr"kr mÝkjnkrk ,l in"ku e Hkkx ugh yr gA

lkj.kh Ø- 08
puko ipkj e urRo

l-Ø-	puko ipkj e urRo	vkofÝk	ifr'kr
1	gk	465	93
2	ugh	35	07
;kx&		500	100

lkj.kh Ø- 08 l Li'V g fd 93 ifr"kr mÝkjnkrk puko ipkj e Hkkx yr g] tcdh 07 ifr"kr mÝkjnkrk puko ipkj e Hkkx ugh yr gA

fu'd'kZ

tutkrh; urRo dk ennke[; :i l tutkrh; fodkl l tMkgvk gA tutkrh; urRo d fodkl d fy, vudy ifjfLFkfr;k dh vko";drk gA urRo d fy; oreku lkekftd&jktufrd 0;oLFkk dh vPNh le> vko";d gA lkFk gh lekt e lxBu gk vFkkr vu;k;hA tc tutkfr lekt e f"k{kk dk i;kIr fodkl gkxk rk mud urkvk e oreku jktuhfrd ifjfLFkfr;k d ifr tkx:drk c<xh vkj o viu vu;k;h ;k lekt d fy; cgrj dke dj ldxA

tutkrh; lekt dh lkekftd&vkfFkd i'BHkfe d v/;;u l Li'V gA fd bl ox d ;okvk e jktuhfrd urRo c<k gA tcfd igy urRo ctxk }kjk fd;k tkrk FkkA vf/kdrj mÝkjnkrkvk d ifjokj dk Lo:i ,dy ifjokj gA bldk ie[k dkj.k tutkrh; lekt e ,dy ifjokj dh i/kkurk gA "kgjh {k= dh vi{kk xkeh.k {k=k e l;Dr ifjokj dk ipyu gA jktuhfrd io ekuk tku okyk puko&ipkj vfHk;ku e cMh l[;k e tutkfr;k d }kjk urRo fd;k tk jgk gA jktuhfrd jfy;k e tutkrh; lekt dh Hkkxhnkjh cMh gA jktuhfrd nyk dh cBdk e tutkrh; ox d }kjk urRo fd;k tk jgk gA ljdkj d fo:) in"ku dk;Øek e tutkrh; lekt u Hkkx yuk ikjHk dj fn;k gA tutkrh; ox dh jktuhfrd pruk e yxkrkj of) gk jgh gA tutkrh; urRo e vk; cM cnyko dk ,d cMk dkj.k bl {k= e vf/kdk"k tuifrfuf/k;k dk in tutkrh; ox d fy; vkjf{kr gkrk gA

l>ko%

tutkrh; ox e urRo fodkl d fy; fuEu l>ko iLrr g &

1- tutkrh; ox e f"k{kk dk ilkj ,o tkx:drk e of) dh tkuh pkfg;A

2- tutkrh; ox e jktuhfrd lgHkkfxrk d volj fn; tku pkfg;A

3- tutkrh; ox dh efgykvk d ur'Ro dk Hkh ikRlkgu fn;k tkuk pkfg;A

4- n"k d jktufrd nyk dk Hkh tutkrh; ox d urRo fodkl d fy; i;kl fd; tku pkfg;A

lUnHk%

1- Hkí] vk"kh'k] ¼2002½ ^*ykdrkfU=d fodUnhdj.k ,o tutkrh; urRo*^] jkor ifCyd"kUl] t;ij-

2- gkt ,.M tkulu ¼1955½ ^*eute.V ,.M vkxukbt"ku fcgfo;j*^] tku foy] U;;kd-

3- Vh vkMo] ¼1935½ ^*n vkV vkQ yhMj"khi*^] 0ghly gkÅl] ynu-

4- f<Yyu] ,p-,l- ¼1955½ ^*yhMj"khi] ,.M xyl bu lkÅFk bfM;k foyt l] ikxke boY;"ku vkxukbt"ku*^] lykfux deh"ku] ub fnYyh-

5- vVy] ;kx"k ,o ;rhUnflg fllkfn;k ¼2011½] ^^vkfnokslh Hkkjr^^ jkor ifCyd"kUl t;ij

6- iky] l/khj ¼2007½] ^^*vkfnokfl;k dh ikjEifjd Lo"kkslu 0;oLFkk ,o ipk;rh jkt %/lnHk >kj[k.M%*^^ ok.kh idk"ku] ub fnYyh

7- uk;M] ih-vkj- ¼1997½] ^^*Hkkjr d vkfnokfl h fodkl dh leL;k,*^^ jk/kk ifCyd"kUl ub fnYyh

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Tkutkrh; ekuo lllk/ku d fodkl e f"k{k.k lLFkkuk dh Hkfedk% lEcfU/kr lkfgR;k dk v/;;u

*fufrd"k ;kno
**/kechj iVy

Received	Reviewed	Accepted
04 Oct. 2016	17 Oct. 2016	02 Nov. 2016

Ekkuo lllk/ku dk fodkl fdlh Hkh jk'V dh ixfr e fu.kk;d Hkfedk yrh gA fdlh jk'V d ekuo lllk/ku rHkh cur g] tc n"k d vkfFkd] lkekftd] "kf{kd vkj jktufrd fodkl e mudh lfd; lgHkkfxrk jgA ,l e dkb Hkh fof"k'V leg ;fn n"k dh ixfr e Hkfedk e fuokg ugh djrh vFkok dju e l{ke ugh gkrh rk n"k dh ;g fLFkfr mldh ixfr e ck/kd gA Hkkjr e e[; /kkjk d tuthou e ie[k fodkl d ckotn vkt Hkh tutkrh; {k=k d ukxfjd ,o ukxfjdk dk mfpr fodkl vkt Hkh ,d ToyUr leL;k gA ;g "kk/k i= tutkrh; ekuo lllk/ku d fodkl e "kf{kd lLFkkvk dh Hkfedk dk v/;;u djrk gA bl dee tutkrh; {k= e "kf{kd fLFkfr] fo|ky;h f"k{kk rFkk mud thou dh x.koRrk e lEcU/k] fo|kfFk;k dh "kf{kd miyfC/k e "kf{kf.kd lfo/kk;] "kf{kd ifd;k rFkk ikB;de d iHkko dk v/;;u fd;k x;k gA ;g "kk/k i= ,d x.kkRed v/;;u g tk lEcfU/kr "kk/k lkfgR;k d fo"y'k.k ij vk/kkfjr gA

Ek[; fcUnq% tutkrh;] ekuo lllk/ku fodkl] "kf{kd fLFkfr] "kf{kd lfo/kk;] "kf{kd ifd;k rFkk ikB;deA

iLrkouk%

vkt d iR;d cf) thoh lekt e ikphu dky l lU;kl fy; g; _f'k euhf'k;k rFkk i/kkukpk; d iopuk e vkj odhyk d dg e rFkk vud idkj d lekt loh lxBuk e rFkk f"k{kd l?k ,o jkturkvk d chp n"k d cge[kh fodkl d fy, ,d ToyUr leL;k lkeu vk;h gA gekjk n"k tk dHkh fo"oLrj ij lo&/ke leUo; dk ifjpk;d Fkk] og vkt vud idkj dh lkekftd ck/kkvk l vkr&ikr gA lekt e Åp&uhp dh Hkkouk Nvk&Nr dh Hkkouk] {k=okn&tkfrokn rFkk ox lEink; dh Hkkoukvk u ml LFkku dk fnu ifrfnu xr e y vkrh pyh vk jgh gA bldk e[; dkj.k f"k{kk d ifr mnklhurk dk ,o "kf{kd :Ik l fiNMkiu gA D;kfd f"k{kk gh lHkh opkfjd ck/kkvk l efDr dk lk/ku gA gekjh lk{kjrk nj yxHkXk 74 ifr"kr gA

*,e0 ,M0 if'k{k.kkFkh] f"k{kk foHkkx] x:?kk/hnkl fo"ofo|ky; fcyklij ¼N0x0¼A
**"kk/k Nk=]] f"k{kk foHkkx] x:?kk/hnkl fo"ofo|ky; fcyklij ¼N0x0¼A

yfdu okLrfodrk ;g gfd 80 ifr"kr lk{kjrk nj "kgj ,o 20 ifr"kr lk{kjrk nj xkok dh g] bue lyxHkx 9 ifr"kr lk{kjrk nj vulfpr tutkfr {k=k dh g ¼dUnh; lkf[;dh; lxBu 2011½A

vkfnoklh lenk; tkHkkjr ekrk d igy lir g] ijUr vkt o ykx viu vki dk lekt lvR;Ur vyx&Fkyx egll djrg ¼gluu] 2004½A vyxko dh ;g Hkkouk f"k{kk d {k= e Hkh irhr gkrh g] tcfd f"k{kk dh ikfIr iR;d 0;fDr dk ey vf/kdkjg ¼vuPNn 21 d½A ftld rgr tutkrh; lenk; d vykok lekt d iR;d ox dh "kf{kd miyfC/k e[;/kkjk l vyx gku e lEi.k lekt dk udkjkRed ;kxnku lno l jgk gA tutkrh; leg dk e[;/kkjk d lkFk lEid gh mud fodkl dk xfr inku dj ldrk gA tutkrh; ekuo lenk;k d fodkl e "kf{kd lLFkkvk dh egRoi.k Hkfedk g] f"k{k.k lLFkk; ,d vkj tgk ekuo dk "kf{kd lfo/kk; ,o volj inku djrh g ogh nljh vkj 0;kogkfjd ikB;dk d ek/;e l Hkkoh thou dh lkekftd] vkfFkd] "kf{kd] lkLdfrd ,o jktufrd vko";drkvk dh ifr Hkh djrh g ftll tutkrh; ekuo ,d LoLF; ,o "kfDr lEiUu jk'V dk fuek.k dj n"k dk fo"o d ekufp= ij inf"kr dj ldxA

dFku%

tutkrh; ekuo llk/ku d fodkl e f"k{k.k lLFkkvk dh Hkfedk% lEcfU/kr lkfgR; dk v/;;uA

mnn";%

1- vulfpr tutkrh; Nk=k d "kf{kd fLFkfr ¼;Fkk] /kkj.k] ukekdu] vi0;;½ dk v/;;u djukA

2- vulfpr tutkrh; Nk=k gr fo|ky;h "kf{kd lfo/kkvk dk v/;;u djukA

3 vulfpr tutkrh; Nk=k d lUnHk e fo|ky;h f"k{k.k ifd;k dk v/;;u djukA

4- vulfpr tutkrh; Nk=k d lUnHk e fo|ky;h ikB;de dk v/;;u djukA

'kk/k fof/k%

iLrr 'kk/k i= e 'kk/k fo'y"k.kRed v/;;u g tkf}rh;d ledk ij vk/kfjr gA

ifj.kke%

iLrr "kk/k i= e vulfpr tutkfr;k d fo|kfFk;k dh "kf{kd fLFkfr] fo|ky;h lfo/kkvk vkj miyfC/k] f"k{k.k ifd;k rFkk ikB;de l lEcfU/kr lkfgR;k dk v/;;u fd;k x;k g ftld fuEufyf[kr ifj.kke ikIr g; g&

vulfpr tutkrh; Nk=k d "kf{kd fLFkfr ¼;Fkk] /kkj.k] ukekdu]vi0;;½ dk v/;;u%

vulfpr tutkfr d fo|kfFk;k dh fo|ky;h fLFkfr l rkRi; fo|kfFk;k d ukekdu l[;k] /kkj.k {kerk rFkk "kkyk NkM tku dh l[;k l gA iLrr v/;;u vEckLr vkj jk;] ¼1995½ e ik;k fd xkeh.k f"k{kk d ikjfEHkd dky e vulfpr tutkfr d "kf{kd fodkl e rhork inku djrh FkhA iLrd ik;%cgr de ek=k e fy[kh g;h Fkh vkj tkfy[kh g;h iLrd gkrh Fkh mue ikB;de d :Ik e mudh lLdfr vkj ijEijkvk dk leko"k u gku d dkj.k /khj&/khj fo|kFkh "kkyk NkMu yx ftll vulfpr tutkfr d fo|kfFk;k d ukekdu e deh rFkk "kkyk NkM tku dh l[;k e of) gkrh x;h lkFk gh vf"k{kk d lkFk&lkFk bue LokLF; d ifr de tkx:d gku d dkj.k NkVh&NkVh chekfj;k ldked chekfj;k dk :Ik ydj xko d xko lekIr dj nrh Fkh ftll fo|kfFk;k d LokLF; Bhd u gku d dkj.k mud /kkj.k {kerk e deh vkrh FkhA vkUkUnk] ¼1995½ }kjk "kk/k e ik;k fd ikFkfed fo|ky;k d f"k{kk Lrjh 0;; l ljdkjh lfo/kkvk ,o le; dk vi0;; gk jgk g]D;kfd vkfnoklh {k=k e fLFkr fo|ky;k e vulfpr tutkfr d cPp vuifLFkr jgr g ftll mudk ukekdu fnu ifrfnu ?kVrk tk jgk gA ukekdu dh ;g fLFkfr d{kk 1 dh ryuk e T;knk c<rh tk jgh gA ftldk e[; dkj.k cPpk dk f"k{kk d ifr fuf'd;rk gA cdrdh vkj oUnuk ¼1993½ e vklke dh tutkfr;k d v/;;u

d QyLo:Ik ik;k fd ogk d vulfpr tutkfr d ykxk e viuh lkekftd ijEijkvk] fd;kvk vkj v/kfo"okl k e vVV fo"okl Fkk ftld pyr o ykx f"k{kk e i;Dr uohu oKkfud i)fr;k ,o mipkjk dk ekuu e fo"okl ugh djr FkA D;kfd mudk ;g ekuuk Fkk fd ijEijkvk dk NkM dj oKkfud i)fr;k d i;kx l mud b'V norkmul :'V gk tk;x ftll mudk thou cjckn gk tk;xkA

mi;Dr v/;;uk d vk/kkj dgk tk ldrk g fd vulfpr tutkfr d fo|kfFk;k dh fo|ky;h fLFkfr lkekU; ugh gA ,d vkj fo|ky;k e tgk budh ukekdu l[;k de gkrh g] ftldk fooj.k lkj.kh 01 e fn;k x;k g&

lkj.kh& 01

d{kk	I	II	III	IV	V	;kx
xkeh.k	3]103]621	2]242]465	1]955]611	1]625]108	1]420556	10]347]361

¼L=kr½ loUFk vky bf.M;k Ldy ,td"kuy lo] ,u0lh0b0vkj0Vh0] 2006½

,l e "kkyk NkM tku oky fo|kfFk;k e fnu ifrfnu of) gkrh tk jgh g rFkk tk fo|kFkh fo|ky; tkr Hkh g mudk vPNk LokLF; u gku d dkj.k mud /kkj.k {kerkvk e Hkh deh vkrh g blds e[; dkj.k vfHkHkkodk d lkekftd] vkfFkd fLFkfr Bhd u gku dk n'iHkko gk ldrk gA vr% vulfpr tutkfr d {k=k e dUn] jkT; rFkk LFkkuh; ljdkjk }kjk bud chp f"k{kk dh tkx:drk Qyku dh vko";drk g ftll o ;k mud vfHkHkkod vrkfdd vU/kfo"okl k dk R;kxdj rkfdd fo"okl k d lkFk lEekfur lkekftd] vkfFkd fLFkfr e viuk thou 0;rhr dj ldA

vulfpr tutkrh; Nk=k gr fo|ky;h "kf{kd lfo/kkvk dk v/;;u%

vulfpr tutkfr {k=k e fo|ky;h; lfo/kkvk ftue Hkou] Ik;kIr idk"k] f"k{k.k lgk;d lkexh] e/;ku Hkktu]Nk=ofRr] iLrdky;] dhMk ifjlj] dEI;Vj yc lfo/kk; lfEefyr g ftudh fo|kFk;k d mij iR;{k vkj viR;{k :Ik l ldkjkRed ;k udkjkRed iHkko iMrk gA

ik.Mk vkj fotk;] ¼1995½ u fo|ky;k dh fLFkfr dk /;ku e j[kdj fd; x; v/;;u e ik;k fd "kkyk NkM tku oky cPpk dh l[;k mifLFkfr cPpk dh l[;k l vf/kd g ftldk e[; dkj.k fo|ky;h lfo/kkvk tl Hkou] Ik;kIr idk"k dh lfo/kk] LoPN gok vkj U;ure vf/kxe Lrj dh ikflr d lk/kuk dk vfr vHkko g lkFk gh f"k{k.k lgk;d lkexh tl ekUkfp=] pkV] Xykc] ";keiVV d vHkko d dkj.k cPp vf/kxe e :fp ugh j[kr g vkj o U;ure vf/kxe Lrj dk Hkh ikIr ugh dj ikr g lkFk gh ,l {k=k e LFkkfir fo|ky; e foRr dh leL;k jgh gA

fo|ky;h foRr d lEcU/k e iLrr v/;;u iVuk;d] mek"kdj vkj iØfrt] ¼1994½ u ik;k fd Nk=ofRr fo|kfFk;k dk inku dh tk jgh g ijUr bud lpkyu e fu;ferrk ugh cjrh tk jgh g blI fo|ky;h lfo/kkvk dk ykHk mfpr Nk= dk ikIr ugh gk ik jgk g rFkk ,ojkbg] ¼1996½ u viu v/;;u e ik;k fd njorh bykdk e f"k{kd vkj Nk=k d chp e 1%40 dk vuikr tcfd "kgjh {k=k e 1%20 dk vuikr ik;k x;kA ftll "kgjh fo|ky;k dh ryuk e vulfpr tutkfr d fo|kFk;k

dk vf/kxe Lrj de g lkFk gh ryukRed :Ik l "kgjh {k=k e njorh bykdk dh ryuk e gkLVy]dkfpx] vk/kfud lfo/kk; vi{kkdr cgrj g ,o bld lkFk ;g Hkh ik;k x;k fd nloh d ckn njorh {k=k e "kkyk NkM tku oky fo|kFkh ckyJe d f"kdkj gA

bl lEcU/k e ljdkj }kjk fuEufyf[kr lfo/kk; vulfpr tkfr;k dk inku dh tkrh gA

1- vkJe Ldy ;ktuk& vkJe Ldy ;ktuk dk vulfpr tutkfr d fo|kfFk;k d fy; mud ifjfpr okrkoj.k e vkokslh; fo|ky;k dh LFkkiuk djuk g] ftll tutkrh; fo|kfFk;k e lk{kjrk nj c<kb tk ld vkj mudh lk{kjrk nj n"k d vU; ykxk dh lk{kjrk nj d cjkcj yk;h tk ldA

2- ekMy Ldy ;ktuk& ;g ;ktuk e[; r% vulfpr tkfr ,o vulfpr tutkfr] vU; fiNMk ox] vYi l[;d lenk;k l lEcfU/kr ckfydkvk d mPp ikFkfedrk d lkFk vkokslh; fo|ky;k dh LFkkiuk d fy, 20 tykb 2004 l "k: dh x;hA

3- tu"kkyk& bl ;ktuk dk mnn"; ikjfEHkd f"k{kk d lo0;kihdj.k dh vulfpr tkfr vYil[;dk d dk; djr g; cPpk rFkk fof"k'V vko";drk oky cPpk ikFkfed f"k{kk nu d }kjk lgk;rk igpkuk gA

4- fo|kfFk;k dh efjV mU;u ;ktuk& bl ;ktuk dk mnn"; nloh vkjckjgoh d vulfpr tutkfr d fo|kfFk;k dk fo"k'k dkfpx miyC/k djuk g ftll o bthfu;fjx vkj 0;kolkf;d ikB;dek e io"k d fy, r;kjh dj ldA

5- ckyd&ckfydk Nk=kokl ;ktuk& vulfpr tutkfr d ckyd&ckfydk d fy; Nk=kokl k d fuek.k ;ktuk dk e[; mnn"; g fd bl lenk; d fo|kfFk;k dk vudy "kf{kd okrkoj.k d vkxk"k e Hkkfrd jgu&lgu dh lfo/kkvk dk eg;k djkuk ftll ; fo|kFkh LoLF; "kkjhfjd rFkk eukoKkfud nf'Vdk.k l v/;;u dj ldA ftll bu fo|kfFk;k dk lokxh.k fodkl gk ldA

6- efVd Nk=ofRr ;ktuk& bl ;ktuk dk mnn"; vulfpr tutkfr d fo|kfFk;k dk ithdr ikB;dek efVd d ckn v/;;u d fy; ikRlkgu nuk gA bl ;ktuk e i"koj] rduhdh] xj i"koj rFkk xj rduhdh lHkh Lrj d ikB;dek dk lfEefyr fd;k x;k gA ble njLFk f"k{kk d fy; i=kpkj ikB;de dk Hkh lfEefyr fd;k x;k gA

7- 0;olkf;d if"k{k.k ;ktuk& bl ;ktuk dk mnn"; tutkrh; ;okvk e jktxkj@ Lojktxkj d volj ikIr dju d fy; dk"ky fodflr djuk gA

8- de lk{kjrk {k=k e ckfydk f"k{kk ;ktuk& tutkrh; efgykvk dh lk{kjrk nj c<ku d mnn"; l iFke l ikpoh d{kk rd dh ckfydkvk d fy; vkokslh; fo|ky;k dh LFkkiuk d fy; ;ktuk dh "k:vkr dh x;h rFkk uDly iHkkfor {k=k dk bl ;ktuk e ikFkfedrk nh tkrh gA

9- ,dy0; vkn"k vkokslh; fo|ky;h ;ktuk& bl ;ktuk dk mnn"; uokn; fo|ky;k dh Hkkfr vkfnokslh {k=k e "kf{kd x.koRrk ,o lo/ku dk vU; fo|ky;k d leku yku d fy; LFkkfir fd; x; gA

10- efVDl io Nk=ofRr ;ktuk& d{kk 9 rFkk 10 d vulfpr tutkrh; fo|kfFk;k d fy; efVd io Nk=ofRr ;ktuk dk e[; mnn"; mud "kf{kd Lrj e x.kRed of) djuk rFkk mUg "kf{kd midj.kk dk vkIkuh l eg;k djk dj fo|ky;k dh rjQ vkdf'kr djukA

11- vkfnokslh f"k{kk _.k ;ktuk& o'k 2011&12 d nkjku jk'Vh; vulfpr tutkfr for vkj fodkl fuxe u ,d ;ktuk dk ikjEHk fd;k g ftld rgr Hkkjr e ih,p- Mh- lfgr ik|kfxdh@0;kolkf;d f"k{kk ikIr dju gr vulfpr tutkrh; fo|kfFk;k dk ifro'k 6 ifr"kr dh fj;k;rh C;kt nj ij 5 yk[k :Ik; rd foRrh;

lgk;rk inku dh tkrh gA

12- jktho xk/kh jk'Vh; v/;rkofRr& bl ;ktuk dk mnn"; tutkrh; fo|kfFk;k dk mPPk f"k{kk d fy; foRrh; lgk;rk d :Ik e Qykf"ki miyC/k djkuk gA bl Qykf"ki dk ik:Ik "kk/kfFk;k dk ,e- fQy-] ih,p- Mh- ikB;dek d fy; ;thlh }kjk miyC/k djk;h tk jgh Qykf"ki d leku gA

13- fon"kk e mPp f"k{kk d fy; jk'Vh; Nk=ofRr ;ktuk& bl ;ktuk dk mnn"; tutkrh;] xj vf/klfpr ?keUr vkj v/k ?keUr tutkfr;k d ifrHkk"kkyh lnL;k dk bthfu;fjx] ik|kfxdh vkj foKku d {k= e fufn'V fo'k;k e Lukrdkrrj] ih,p-Mh- vkj MkDVjy ijorh vul/kku ikB;dek d fy; fon"k e mPpre f"k{kk gr foRrh; lgk;rk nh tkrh gA

14- mPpLrjh; f"k{kk ;ktuk& vulfpr tutkfr d fo|kfFk;k d fy; mPp Lrjh; f"k{kk dh u;h ;ktuk "k: dh g ftldk mnn"; pfuUnk mRd'V lLFkkuk e l fdlh e Lukrd vkj Lukrdkrrj Lrj ij f"k{kk ikIr dj jg e/kkoh fo|kfFk;k dk ikRlkfgr djuk gA

tutkrh; thou ,o f"k{kk leL;kvk ij "kk/kdk; dj jgh dN lLFkk; vxfyf[kr g&

1 tutkrh; "kk/k lLFkku] fcgkjA

2 Tkutkrh; "kk/k lLFkku] e/; in"kA

3 Tkutkrh; "kk/k C;jk] mMhlkA

4 lkLdfrd "kk/k lLFkku] if"pe cxkyA

5 tutkrh; "kk/k lLFkku] vkU/k in"kA

vulfpr tutkfr d {k=k e ikphu dky e f"k{k.k lLFkk; de gvk djrh Fkh ijUr oreku dky e vkt mu dfe;k dk ljdkj d }kjk i.k dju dk i;kl fd;k tk jgk g vkj mu fo|ky;k e vR;k/kfud lfo/kk; inku dh tk jgh g ftll mu {k=k d fo|kfFk;k ,o lekt dk i.k :Ik l fodkl gk ldA ljdkj vkokslh; fo|ky; ,o ,dyC; fo|ky; [kky jgh g ftll bu {k=k d cPpk dk f"k{kk ikIr dju e fdlh Hkh idkj dh leL;kvk dk lkeuk u djuk iMA mud "kkjhfjd fodkl d fy; fo|ky;k e [ky f"k{kdk dh fu;fDr dh tk jgh g ftll Nk=k dk LokLF; mRre jgA LOkkLF; d lEcU/k e egku nk"kfud vjLr u dgk g fd LoLF; "kjhj e LoLF; efLr'd dk okl gkrk gA tc rd "kjhj LoLFk ugh jgxk rc rd Nk=k d Kku dh miyfC/k mfpr ugh gkxhA blfy; pre[kh fodkl d fy; fo|ky;k e vud idkj d ,l dk;k dk vk;ktu fd;k tk jgk g fd ftll fd vulfpr tutkfr;k d fo|kfFk;k dk thou Lrj ,o mudh "kf{kd miyfC/k dk mij mBk;k tk ldA

vulfpr tutkrh; Nk=k d lUnHkk e fo|ky;h f"k{k.k ifd;k dk v/;;u&

f"k{k.k ifd;k dk lEcU/k vulfpr tutkfr d fo|kfFk;k d f"k{kk gr mi;Dr f"k{k.k ifof/k vkj mudh Hkk'kk;h n{krk dh {kerk l gA f"k{k.k ifd;k l lEcfU/kr "kk/k lkfgR;k dk v/;;u bl idkj g&

"kDyk] ¼1995½ viu v/;;u e ; ik;k fd vulfpr tutkfr {k=k e f"k{kdk d fy; dkb if"k{k.k dk; ugh vk;kftr fd; tkr Fk ftll mudk fdlh Hkh mfpr f"k{k.k fof/k dk Kku ikIr ugh Fkk] ftll og cPpk dk mfpr fof/k;k dk i;kx djr g; mUg mudh lLdfr dk Kku ikIr djk ldA iFkh vkj [kMkUxk] ¼1997½ }kjk iLrr v/;;u e U;ure vf/kxe Lrj dk /;ku e j[kdj vulfpr tkfr d cPpk dh Hkk'kkxr n{krk dk ekiu fd;k x;k g vkj ik;k fd 77 ifr"kr vulfpr tutkfr d cPp Hkk'kk e n{k ugh ik; x;A ik.Mk vkj fotk; ¼1995½ u viu "kk/k e ik;k fd f"k{k.k ifd;k d nkjku vulfpr tutkfr d fo|kfFk;k e okn&lokn fØ;k dk vHkko Fkk rFkk ,d gh f"k{k.k fof/k ij lEi.k ikB; ;ktuk vk/kkfjr FkhA bl fof/k e fo|kFkh dh lgHkkfxrk ugh Fkh D;kfd ;g

fof/k flQ f"k{kd dfUnr fof/k Fkh ble d{kk f"k{k.k ifØ;k dk cgrj cuku d fy; dkb i;kl ugh fd;k tk jgk Fkk ,o f"k{kd fu;fDr d ckn viu f"k{k.k i)fr d lEcU/k e if"k{k.k ugh y jg FkA

mfpr f"k{k.k ifd;k d ek/;e l f"k{kd Nk=k e okfNr ifjoru ikIr dj ldrk gA ble f"k{kd dh Hkk'kk rFkk f"k{k.k fof/k dh egRoi.k Hkfedk gkrh gA ikFkfed Lrj ij {k=h; Hkk'kk d vk/kkj ij f"k{k.k dk; lpkfyr djuk pkfg; rFkk ek/;fed Lrj ij {k=h; Hkk'kk l mij mBdj jk'Vh; Hkk'kk e f"k{k.k dk; dju dk i;kl djuk pkfg;A ftll ml {k= d Nk=k e nlj {k= d Nk=k dk f"k{k.k Lrj vkpkj fopkj dk vknku inku gk ld vkj o fo|kFkh nljh lH;rk vkj lLdfr d ckj e dN Kku ikIr dj ldA ,l bykdk e Nk=k dh :fp d vulkj f"k{kd dk fofHkUu f"k{k.k fof/k tl vkxeukRed] rd.kkRed] fuxeukRed vkfn fofHkUu fof/k;k dk i;kx djr g; mUg 0;kogkfjd f"k{kk ,o 0;kogkfjd Kku inku djuk pkfg;A {k=h; Hkk'kk e f"k{kdk dh n{krk e lgu"khyrk c<ku gr mud p;u ,o if"k{k.k e mfpr l/kkj fd;k tkuk pkfg;A lkFk gh lkFk Nk=k d ikB;de e {k=h; Hkk'kk l jk'Vh; Hkk'kk e l"kDr mRrj.k dh xtkb"k gkuh pkfg;A lkFk gh f"k{kdk dk f"k{k.k if"k{k.k dk; fn;k tk; rFkk le;≤ ij jk'Vh; Lrj dh lxk'Bh vk;kftr dh tk;A ftll bu {k=k d f"k{kdk dk n"k e i;kx fd; tk jg uohu f"k{k.k fof/k;k ,o uohu rduhdh Kku d ckj e tkudkjh ikIr gk ldA

vulfpr tutkrh; Nk=k d lUnHk e fo|ky;h ikB;de dk v/;;u%

ikB;Øe dk lEcU/k thou d y{;k dh ikfIr d ekx l gA bl lEcU/k e vulfpr tutkfr d fo|kfFk;k d ikB;de l lEcfU/kr "kk/k lkfgR; dk ifj.kke bl idkj g&

ikrh]¼1996½ u mMhlk d vulfpr tutkfr d cPpk d ikFkfed fo|ky;k d ikB;de dk eY;kdu fd;k vkj ik;k fd vulfpr tutkfr vkj lkekU; cPpk d ikFkfed fo|ky;k dk ikB;de leku g lkFk gh vulfpr tutkfr d cPpk d fy; r;kj ikB;de e mud vk; Lrj dk /;ku e ugh j[kk x;k g vkj vkfnoklh cPpk d nfud thou d i;kx l lEcfU/kr fo'k; oLr dk Hkh ikB;de e lfEefyr ugh fd;k x;k gA ;gk rd fd ikB;de fuek.k d le; vulfpr tutkfr d cPpk d okrkoj.k dk; tl df'k] Ik"kikyu ,o ckxokuh vkfn dk /;ku e ugh j[kk x;k g rFkk fo|kfFk;k dh vko";drkvk lEcf/kr txyk dk lj{k.k ,o txyh mRikn vkj ckt kjhdj.k d Kku l lEcfU/kr fo'k;oLr dk ikB;de e i.k vHkko FkkA ik.Mk vkj fotk; ¼1995½ u viu v/;;u e ik;k fd ikB;de e mudh lLdfr vkj ijEijkxr fo'k;oLr dk vHkko Fkk] ftll v/;;u e mudh :fp fujUrj de gkrh pyh tk jgh FkhA

0;fDr d 0;fDrRo d fodkl d fy; ikB;de og lk/ku g tk ;g fuf"pr djrk g fd ge dc] D;k] dl vkj fdruk djuk pkfg; vFkkr vulfpr tutkfr oky {k=k d fy; ge mud lekt dh vko";drkvk ,o t:jrk d vulkj ikB;de dk fuek.k djuk pkfg;A vulfpr tutkfr {k=k e mud vkfFkd fodkl l lEcfU/kr ikB;de dk ojh;rk nuh pkfg; ftll og viuk vkthfodkiktu vklkuh l dj ldA tl f"kYidyk] df'k f"k{kk ,o rhjUnkth vkfn fo'k;k dk mfpr egRo nuk pkfg;A ikB;de ,lk gkuk pkfg; tk mud miyfC/k Lrj e fnu ifrfnu of) dju okyk gk vkj mu ykxk dk lekt d lkekU; Lrj rd igpku okyk gkA

fu'd'k%

bl vk/kfud] oKkfud fpRr] ykdrkf=d ;xe vulfpr tutkfr dk vf/kdkj o dr0; d ifr pru gkuk pkfg; vkj ljdkj ;k vU; fdlh Hkh leg ;k lxBu d }kjk ukt k;t neu d i;kl dk

0;fDrxr ;k lkefgd fojk/k djuk pkfg;A ge ekuoh; "kfDr ij Hkjkl k djuk pkfg;A dYiuk ,o feFkd vk/kkfjr ikjEifjd 0;ogkjk dk fcuk lkp fopkj ugh eku yuk pkfg;A bld fy; t:jh g fd vulfpr tutkfr dk mfpr ,o lk;kIr f"k{kk ikIr gk ftle "kf{kd lLFkkuk dh vR;Ur egRoi.k Hkfedk g D;kfd ; "kf{kd lLFkk; vulfpr tutkfr d fo|kfFk;k dk mfpr "kf{kd volj inku dju d fy; lyHk fo|ky;h okrkoj.k dk fuek.k djr g ftle f"k{kd Nk=k dh ekrHkk'kk e fofHkUUk f"k{k.k fof/k;k dk lfEefyr djr g; mUg f"kf{kr dj ldA

lkFk gh ikB;de dk fuek.k mudh Hkkoh thou dh vko";drkvk dk /;ku e j[kdj bl idkj fd;k tk; ftlI o Lo; fo|ky;k dh vkj vku d fy; ykykf;r gk] ftlI mud ukekdu l[;k e of) gkA bUk ukekdu dk fLFkj j[ku d fy; f"k{k.k lLFkk; ,lh mi;Dr uhfr;k dk fuek.k le; le; ij mudh t:jrk dk /;ku e j[kdj dj ftlI mud Lo:lk vkj /kkj.k {kerk e of) mudh miyfC/k vkj thou Lrj dk mpk mBk ldA nHkkX;o"k gekj n"k e tgk /kkfed vU/kfo"okl dk Qyku dh ijh NV g ogh foKku ,o cf)okn lefFkr fo"okl d ijkdkjk dh jkg e dkVck; tkr gA vRkh t:jh g fd vulfpr tutkfr d ykxk dk viu vrhr l ykddFkkvk] feFkdk o dkYifud dFkkvk l ldkjkRed mi;kxh phtludj fodkl dh e[;/kkjk e iokfgr gkuk iMxk rHkh gekj lekt :ih thou dk y{; fodkl :ih ek{k dk ikIr dj ldxkA

lnHk%

1- vEckLr],u-d-]¼2001½] ***Vkbcy ,td'ku ¼ ikcyEl ,.M bl/t]*** U; nYgh%odV'k idk'kuA

2- vEokLV],u-]d],.M d- ch- jkFk ¼1995½] , LVMh vkQ n bQDV vkQ gkm lgkYM]dE;fuVh ,.M Ldy QDVl vku n bujkyeUV] fjV'ku ,.M vphoeV vkQ n f"kM;y Vkbdl fpYMu ,V ikbejh ycy *bu LVMht vku Dykl:e ikIll ,.M Ldy bQfDVoul ,V ikbejh LVt bVju'kuy ijLifDV0l* ,u-lh-b-vkj-Vh- U; nYghA

3- vkunk]th-¼1995½] ***oLVt bu ikbejh ,td'ku ,ex Vkboy fpUMy] n ikbejh Vhpj XX ¼1½*** 37& 41A

4- ,lojkbg] th- ¼1996½] fpYMul ,td'ku ,ex n ikbfefVo Vkboy vkQ jEikpknoje vkb- Vh-Mh-,-¼bLV xknkojh½ vkQ vkU/kin'k- bUMhiUMUV LVMh- ***lUVj vkQ lk'ky MoYieUV]*** jxkjMMh ¼,-ih-½ ¼,jhd QuMV½ ,u-lh-b-vkj-Vh- U; nYghA

5-nc] ,l-,u-,.M feJk] ,-d- ¼1990½ lkbdklk'ky fMVehuLVl vkQ ,dMfed lDll vkQ #jy C;kt ***ijLifVo bu ,td'ku]*** **xv** (3),157-164

6- iVukbd] 'kdj] ;-,.M VkIl] ,l-t-ih- ¼1994½] bEiDV vkQ Ldkyjf'ki vku Vkbcy ,td'ku bu t'kij iktDV] jk;x<] fMLVhd] e/;in'k] ***cyfVu vkQ n Vkbcy fjlp bUVhV;V] Hkkiky*** xxii (1), 13-29.

7- ikMk] d- ,.M chtk; ¼1995½] lkf'k;kykftdy LVMh vkQ n QD'kl] vkxukt'ku ,.M bEiDV vkQ n Vkbcy LdYl mMhlk- vuifCy'M MkDVkjy fMtV'ku] ,td'ku] tkfe;k fefy;k bLykfe;kA

8- ikrh] ,l-ih-¼1996½ ,u boY;'ku vkQ ikbejh Ldy dfjdye Qkj Vkbcy fpYMu vkQ mMhlk- ***bu LVMht vku Dykl#e ikIlt ,.M Ldy bQkDVoul ,V ikbejh LVt***- ,u-lh-b-vkj-Vh- U; nYghA

9- iFkh] ,e-d-,.M dgnkxk ih-;- ¼1997½- , LVMh vkQ ekLVjh yfux bu yXot ,ekx Vkbcy fpYMu *Vhpj ,tdh'ku*] **31** ¼3 ,.M4½] 25&42-

10- cdrdh ,.M onuk ¼1993½- pkbYM j;fjx ifDVlt ,.M MoyieUV LVVl vkQ fpYMu bu le Vkbcy dE;fufVt vkQ vklke] vuikfCy'M MkDVkjy fMtV'ku- ,Fkikykth] xokgkVh ;fuoflVh-

11- jkFk] d-ch-,.M vkj-vkj- lDluk ¼1995½ bQDV vkQ l;fiy ,.M Ldy yoy ofj,cYl vku n vphoeV vkQ ,l-lh@,l-Vh- LVMVl *bfM;u ,tdh'ku fj0;] 30 ¼1½*] 52&70-

12- fjikV vku lll vkQ bfM;k ¼2011½ u'kuy LVfVfLVdy vkxukbt'ku-

13- jk;] vkj ¼2010½ vkfne tkfr dY;k.k foHkkx }kjk lpkfyr fo|ky; rFkk lkekU; 'kkldh; e v/;;ujr Nk= ,o Nk=kvk dh foKku d ifr vfHkofRr ,o mudh 'kf{kr miyfC/k dk ryukRed v/;;u] vidkf'kr y?k'kk/k ic/k x# ?kklhnkl fo'ofo|ky; fcyklij ¼N-x-½

14- gluu],u-¼2004½ *tutkrh; Hkkjr ub fnYyh* ¼ tokgj ifCy'kl ,.M fMLVhC;Vl-

15- ,u-lh-b-vkj-Vh- ¼2006½ *lolFk vky bfM;k Ldy ,tdh'ku lo]* U; nYgh ,u-lh-b-vkj-Vh- 94-

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e/;in'k e fodUnhÑr fu;ktu ,o leUo; d lUnHk e ftyk ;ktuk lfefr dh Hkfedk

*f'ko dekj flg d'kokg

Received	Reviewed	Accepted
03 Dec. 2016	10 Dec. 2016	15 Dec. 2016

73o ,o 74o lfo/kku l'kks/ku d i'pkr xkeh.k ,o uxjh; Lrj ij LFkkuh; Lo'kklu dh lLFkkvk dk l'kDr dj mUg lo/kkfud ntk inku fd;k x;kA bUgh d vk/kkj ij e/;in'k jkT; }kjk in'k d vf/kfu;e cuk; x; ,o bu lLFkkvk dk i;kIr 'kfDr;k l inku dh xbA bld i'pkr lfo/kku d vuPNn 243 tM Mh d vuikyu e in'k e ftyk ;ktuk lfefr vf/kfu;e cukdj ykx fd;k x;k rFkk ftyk Lrj ij ftyk ;ktuk lfefr;k dk xBu fd;k x;kA bu lfefr;k dk ipk;rk ,o uxjh; fudk;k d chp leUo; LFkkfir dju rFkk fty dh ipk;rk rFkk uxj ikfydkvk }kjk r;kj dh xb ;ktukvk dk lefdr dju rFkk lEi.k fty d fy; fodkl ;ktuk dk ik: i r;kj dju d fy, i;kIr vf/kdkj fn; x; gA iLrr 'kks/k i= e ftyk ;ktuk lfefr vf/kfu;e d iko/kkuk d foopu d vk/kkj ij e/;in'k e fodUnhÑr fu;ktu ,o leUo; d lUnHk e ftyk ;ktuk lfefr dh Hkfedk dk foofpr fd;k x;k gA

ftyk ;ktuk lfefr dh 0;oLFkk dk mí'; fodUnhdj.k dh ifØ;k dk ln< cukuk gA fodUnhdj.k doy fu.k;k rd gh lhfer u jg tk;] vfir 0;ogkj e Hkh mldk iHkko utj vkuk pkfg,A jkT; 'kklu d fu.k;k dh xfr'khyrk c<kdj mUg ftyk rd igpku d fy; i'kklu d <kp e ifjoru ,d ckr g] yfdu ftyk ;ktuk lfefr dk Hkh mruk gh lfØ; ,o lonu'khy cukuk mll vf/kd egrh dk; gA ftyk ;ktuk lfefr ipk;r jkt lLFkkvk rFkk LFkkuh; uxjh; lLFkkvk d vf/kdkjk e gLr{ki vFkok mudh lhekvk dk vfrØe.k ugh gA 73o ,o 74o lfo/kku l'kks/ku d i'pkr ipk;rh jkt lLFkkvk rFkk LFkkuh; uxjh; lLFkkvk d dk; vkj vf/kdkj ;Fkkor j[kr g, ftyk ;ktuk lfefr d ltu l xkeh.k ,o 'kgjh {k= d i'kklu r= dk vf/kd vf/kdkj lEiUu cuk;k x;k g rFkk ;g i;kl fd;k x;k g fd mle bruh lkeF; gk fd og 'kgjh vkj xkeh.k {k=k d chp leUo; dk dk; dj ldA[1]

ftyk ;ktuk d fy; lfefr%

lfo/kku dh /kkjk 243 th d vulkj ipk;r viu Lrj ij vkfFkd fodkl ,o lkekftd U;k;

*vfrfFk 0;k[;krk] jktuhfr foKku ,o ykd i'kklu v/;;u'kkyk] foØe fo'ofo|ky;] mTtu ¼e-i-½

dh ;ktuk, cuk;xhA ,lh ;ktuk, cukr le; o 11oh vulph e lphc) 29 fo"k;k dk Hkh lfEefyr djxhA lfo/kku dh /kkjk 243 MCY; d vulkj uxj ikfydk, Hkh viu Lrj ij vkfFkd fodkl dh ;ktuk, r;kj djxh vkj ,lk djr le; o lfo/kku dh 12oh vulph e lphc) 18 fo"k;k dk lfEefyr djxhA

lfo/kku dh /kkjk 243 tM Mh d vulkj fty e ipk;rk vkj uxj ikfydkvk }kjk r;kj dh xb ;ktukvk dk lefdr dju d fy; ,d fodkl ;ktuk ik:i r;kj dju d fy; iR;d jkT; e ftyk Lrj ij ,d ftyk ;ktuk lfefr xfBr dh tk;xhA jkT; dk fo/kku e.My] fof/k }kjk ftyk ;ktuk lfefr;k dh ljpuk ,o og jhfr ftll ,lh lfefr;k e LFkku Hkj tk;x] d ckj e micU/k dj ldxkA ijUr ,lh lfefr d lnL;k dh dy l[;k dk de l de 4@5 Hkkx ftyk Lrj ij ipk;r d vkj fty e uxj ikfydkvk d fuokfpr lnL;k }kjk viu e l fty e xkeh.k {k= dh vkj uxjh; {k= dh tul[;k d vuikr d vulkj fuokfpr fd; tk;xA[2]

e/;in'k e ftyk ;ktuk lfefr%

e/;in'k e ipk;rk ,o uxjh; fudk;k d chp leUo; LFkkfir dj rFkk ftyk Lrj ij fodUnhdj.k dh vo/kkj.kk dk ykx dju d fy; e/;in'k fo/kkul Hkk u e/;in'k ftyk ;ktuk lfefr l'kk/ku fo/k;d] 1999 e ikfjr fd;kA fo/k;d }kjk ftyk ;ktuk lfefr vf/kfu;e] 1995 d Lo:i e ifjoru dj ml ftyk Lrj ij fodUnhÑr fu;ktu d ie[k dk;dkjh fudk; d :i e iLrr fd;k x;k gA bld vulkj fty dh ipk;rk rFkk uxjikfydkvk }kjk r;kj dh xb ;ktukvk d lefdr dju rFkk lEi.k fty d fy; fodkl ;ktuk dk ik:i r;kj dju vkj ,lh vU; 'kfDr;k dk i;kx dju d fy; tlh fd ml jkT; ljdkj }kjk le;≤ ij lkih tk; iR;d fty e ,d ;ktuk lfefr dk xBu djxhA[3]

lfefr d lnL;k dh dy l[;k dk 4@5 lnL; fty dh ftyk ipk;r ,o uxjikfydkvk d fuokfpr lnL;k }kjk mue l fofgr jhfr e fuokfpr fd; tk;xA xkeh.k rFkk uxjh; {k=k e l fuokfpr fd, tku oky lnL;k dk vuikr rFkk lEHko fudVre :i l ogh gkxk ftl vuikr e fty e xkeh.k rFkk uxjh; tul[;k gA tgk fty d uxjh; {k= e ,d l vf/kd uxjikfydk, g] ogk uxjh; {k=k d LFkku ,lh uxjikfydkv e fofgr jhfr e forjhr fd; tk;xA[4]

lfefr e vU; lnL; d :i e gkx e/;in'k jkT; dk ,d e=h ftl ljdkj }kjk uke funf'kr fd;k tk;xk rFkk tk lfefr dk v/;{k gkxkA bld vfrfjDr ftyk ipk;r dk v/;{k] fty dk dyDVj rFkk tgk ij lfefr d lnL;k dh l[;k 20 g] rk ,d lnL; rFkk 25 g] rk 2 lnL; jkT; ljdkj }kjk uke funf'kr fd; tk;xA[5]

ftyk ;ktuk lfefr d dy lnL;k dh l[;k fuf'pr dj nh x;h g & Hkkiky] jk;lu] lhgkj] nfr;k] ujflgij] nekg] iUuk ,o Vhdex< e lfefr e 15 lnL; jgxA cry] jktx<] fofn'kk] fHkUM] ejuk] xuk] Xokfy;j] f'koijh] gk'kxkckn] /kkj] bUnkj] [k.Mok] >kcvk] ckyk?kkV] fNnokMk] e.Myk] flouh] jhok] lruk] 'kgMky] lh/kh] Nrjij] lkxj] nokl] enlkj] jryke] 'kktkij ,o mTtu e lnL;k dh l[;k 20 jgxhA [kjxku rFkk tcyij e lfefr e 25 lnL; jgxA bld vfrfjDr fty d lkln vkj fo/kk;d lfefr dh cBdk e fo'k"k LFkk;h vkef=r lnL; jgxA jkT; lHkk lnL; viuh iln d ,d fty e fo'k"k vkef=r lnL; jgxA vkef=r lnL;k e l tk e=h ;k lkln gkx] mUg viu LFkku ij ,d ifrfuf/k dk uke fufo"V dju dk vf/kdkj gA

ftyk ;ktuk lfefr dh ftyk Lrj ij dk; liknu dju d fy; lgk;rk gr 12 milfefr;k gkxhA tk ftyk Lrjh; dk;k d fofHkUu {k=k e

ftyk ;ktuk lfefr dh lgk;rk djxhA ; mi lfefr;k fuEu ukeksa l tkuh tkrh g&

1- ykx LokLF; ,o ifjokj dY;k.k dk;Øe mi lfefrA
2- fuo'k mi lfefrA
3- uxjh; fodkl milfefrA
4- jktxkj fuek.k ,o miyC/krk milfefrA
5- vulfpr tutkfr] fodkl fiNMk ox rFkk efgyk ,o cky fodkl dk;Øek dh ekuhVfjx mi lfefrA
6- i;ty vkifr mi lfefrA
7- f'k{kk mi lfefrA
8- xkeh.k fodkl mi lfefrA
9- Ñf"k fodkl dk;Øe mi lfefrA
10- flpkb fodkl dk;Øe mi lfefrA
11- lMd ,o ifjogu fodkl Åtk mi lfefr
12- lkln ,o fo/kk;d {k=h; fodkl ;ktuk d dk;Øek dh ekuhVfjx mi lfefrA[6]

bu mi lfer;k d ihBklhu vf/kdkfj;k ,o milfefr;k d lnL;k dk euku;u iHkkjh e=h d }kjk ipk;r jkt lLFkkvk rFkk uxjh; fudk; d fuokfpr lnL;k ,o ljdkjh vf/kdkfj;k rFkk depkfj;k e l fd;k tk;xkA tlk fd bu lfefr;k d ukedj.k l Kkr gkrk g] fd ; lfefr;k viu l lcf/kr dk;k dk lEiknu dj bldh lpuk fu;fer :i l ftyk ;ktuk lfefr dk if"kr djxhA mi lfefr;k d ihBklhu vf/kdkjh bu mi lfefr;k dh cBd vk;kftr djx ihBklhu vf/kdkjh gh bu cBdk dk ,t.Mk r;kj djx vkj cBd dh v/;{krk Hkh djxA

ftyk dyDVj vFkok mld uke }kjk fufn"V 0;fDr mi lfefr dk lfpo gkxkA mi lfefr d ihBklhu vf/kdkjh lcf/kr foHkkxk d ftyk ie[kk] ftyk ;ktuk lfefr d fo'k"k vkef=rk] fo'k"kKk dk mi lfefr dk tc Hkh vko';drk gk lok dju d fy; lg;kftr dj ldxA mi lfefr d ihBklhu vf/kdkfj;k rFkk lnL;k dh inkof/k ,d o"k gkxh rFkk vLFkk;h i;ktu d fy; xfBr mi lfefr dh vof/k ftyk ;ktuk lfefr }kjk fu/kkfjr fd; vulkj gkxhA dkb Hkh lnL; tk ftyk ;ktuk lfefr dk lnL; ugh jg tkrk g] mi lfefr dk ihBklhu vf/kdkjh ,o lnL; ugh jgxkA

ftyk ljdkj e iHkkjh e=h dk lcl egÙoi.k nkf;Ro lkix; gA ftyk ;ktuk lfefr d iHkkjh e=h mud v/;{k gkxA bu lfefr;k dh cBd dh v/;{krk iHkkjh e=h gkxA ;ktuk lfefr dh fofHkUu milfefr;k d ihBklhu vf/kdkfj;k ,o lnL;k dk euk;u Lo; iHkkjh e=h dj milfefr;k dk xBu djxA bu milfefr;k dk dk;k e lg;kx ,o leUo; LFkkfir dju dk nkf;Ro Hkh iHkkjh e=h dk jgxkA bld vfrfjDr LFkkuh; Lrj ij jktuhfrd l=/kkj dh Hkfedk Hkh iHkkjh ef=;k dk gh fuHkkuh gA

ftyk ;ktuk lfefr dh ifØ;k fu;e bl idkj r;kj fd; x; g] ftll fd lfefr dk viu mÙkjnkf;Ro d lefpr fuogu e lgk;rk ikIr gkxhA e[; :i l bu fu;ek e ;g iko/kku g] fd ftyk ;ktuk lfefr dh v/;{krk lfefr d v/;{k gh djxA tk jkT; ljdkj }kjk eukuhr fd; x; g ftyk ljdkj dh 0;oLFkk d rgr tk dk; ,o vf/kdkj ftyk ;ktuk lfefr dk lkix; g] mu ij fu.k; vkn'k d fy; idj.k foHkkxh; ftyk ie[k lLFkk ie[k }kjk lfefr d le{k dyDVj d ek/;e d iLrr fd;k tk;xkA foHkkxh; ftyk ie[k] lLFkk ie[k dk i.k rF;k lfgr l{kfidk cukdj idj.k lfefr d le{k iLrr dju dh vuefr d fy; dyDVj d ikl Hktuk gkxkA l{kfidk e ik:i vkn'k Hkh lyXu jgxkA dyDVj }kjk idj.k v/;{k] ftyk ;ktuk lfefr l vuefr ikIr dj lfefr d y{; iLrr fd;k tk;xA[7]

ftu ekeyk e v/;{k ty ;ktuk lfefr dk

vf/kdkj] ÑR; lkix; g]mu ekeyk e vkn'k@fu.k; d fy; idj.k dyDVj d ek/;e l v/;{k] ftyk ;ktuk lfefr dk iLrr fd; tk;xA idj.k dk iLrr djr le; uLrh ij foHkkxh; ftyk ie[k] lLFkk ie[k }kjk l{kfidk r;kj dh tk;xh] ftle fu.k; d fy; vko';d leLr rF;k ,o fu;ek dk mYy[k gkxkA l{kfidk e ;g Li"V :i l of.kr fd;k tk;xk fd ,lk dkb fcUn fu.k; d fy, ugh g] ftld fy; jkT; 'kklu d vkn'k vko';d gA[8]

lfefr dk lnL; lfpo v/;{k dk ekeyk dh lph iLrr djxk ftudh l{kfidk foHkkx@lLFkk ie[k l ikIr gk xb gA dku&l ekey lfefr d lnL;k d fy; ifjpkfyr fd; tkr g] ;g fu.k; v/;{k dk gkxkA ;fn le;kHkko d dkj.k ;k fo'k"k ifjfLFkfro'k v/;{k l vkn'k fy; tkuk lHko u gk rk lfefr dk lnL; lfpo fun'k dh iR;k'kk e l{kfidk ifjpkfyr dj ldxkA fopkj d le; ekey lcf/kr foHkkx d ie[k@ftyk lLFkk ie[k cBd e mifLFkr gkx rFkk viu foHkkx l lcf/kr fo"k; e rF;k l lfefr dk voxr djk;x rFkk mu lHkh tkudkfj;k dk iLrr djxftudh fd lfefr d lnL;k }kjk vi{kk dh tk;A[9]

lfefr dh iR;d cBd d i'pkr cBd e fy; x; fu.k;k dk vfHky[k dyDVj }kjk r;kj fd;k tk;xkA cBd e mifLFkr lnL;k ,o 'kklu d vf/kdkfj;k dk uke Hkh dk;okgh fooj.k e lfEefyr fd; tk;xA dk;okgh fooj.k dk ik:i lfefr d v/;{k l vuekfnr djk;k tk;xk vkj mld i'pkr lHkh lnL;k dk Hktk tk;xkA dk;okgh fooj.k dk v/;{k l vueknu ikIr gk tku d i'pkr lfefr dk vf/kiekf.kr fu.k; lcf/kr foHkkx dh Qkby ij dyDVj }kjk vfHkfyf[kr fd;k tk;xkA bu fu.k;k dk fØ;kUo;u lcf/kr foHkkx }kjk fd;k tk;xk vkj fØ;kUo;u dh tkudkjh lfefr dk Hkth tk;xhA lfefr le;≤ ij fu.k;k d fØ;kUo;u dh leh{kk djxhA[10]

e/;in'k e ftyk ;ktuk lfefr d ÑR;[11]

1- jk"Vh; rFkk jkT;Lrjh; mí';k d <kp d vUrxr jgr g, LFkkuh; vko';drkvk rFkk mí';k dk vfHkfu/kkj.k djukA

2- ;ktukvk dk fodUnhdj.k dju d fy, Bkl vkdMk dk vk/kkj lftr dju gr fty d ikÑfrd ,o ekuo lk/kuk l lcf/kr tkudkjh dk lxg.k ldyu ,o mUg v|ru djuk ,o fty ,o [k.M d lk/kuk dh :ij[kk r;kj djukA

3- xke] [k.M rFkk ftyk Lrjk ij miyC/k ie[k lfo/kkvk dk lphc) djuk rFkk mudk fu:i.k djukA

4- miyC/k ikÑfrd@ekuo lk/kuk d vf/kdre rFkk U;k; lxr mi;kx@fonkgu dk lfuf'pr dju dh –f"V l fodkl d fy, uhfr;k] dk;Øek rFkk ikFkfedrkvk dk vo/kkj.kk djukA

5- ipk;rk rFkk uxjh; fudk;k }kjk r;kj dh xb ;ktukvk dk lefdr djr g, fty d lkekftd] vkfFkd] Hkkfrd] lkekf;d rFkk LFkku lc/kh vk;kek d ifji{; e fty dh ipo"kh; ,o okf"kd ;ktukvk dk ik:i r;kj djuk rFkk ml jkT; ljdkj dh ;ktukvk e lfEefyr dju gr jkT; ljdkj dk iLrr djukA

6-fty d fy; jktxkj ;ktuk, r;kj djukA

7- fty dh ;ktukvk d foÙk ik"k.k d fy, foÙkh; lk/kuk dk ikDdyu djukA

8- ftyk fodkl ;ktuk d lEi.k <kp d Hkhrj jgr g, {k=h;@mi{k=h; ifjO;;k dk vkoVu djukA

9- fodUnhÑr ;ktuk d <kp d vUrxr fty e dk;kfUor dh tk jgh ;ktuvk dk;Øek ftue dUnh; lDVj@dUn }kjk iR;k;kftr ;ktuk, vkj lln h; fuokpu {k= rFkk fo/kkuHkk {k=k dh LFkkuh; {k= fodkl dh ;ktuk, Hkh lfEefyr g] fd ixfr dk ekuhVj djuk rFkk iukoykdu djukA

10- ftyk ;ktuk lfEefyr ;ktukvk d lc/k e fu;fer ixfr fjikV 'kklu dk iLrr djukA

11- ,lh ;ktukvk@dk;Øek dk vfHkfu/kkj.k djuk ftue lLFkkxr foÙk ik"k.k fd;k tkuk lHkkfor gA mUg ftyk ;ktukvk d lkFk lefpr :i l lc/k dju d mik; djuk rFkk ;g lfuf'pr djuk fd mUg ,lk foÙkh; fofu/kku ikIr gkrk jgA

12- fodkl dh lEi.k ifØ;k e LofPNd lxBuk dh lgHkkfxrk dk lfuf'pr djukA

13- fty dh fodkl ifØ;k ij egÙoi.k iHkko Mkyu okyh jkT; lDVj dh ;ktukvk d lEcU/k e jkT; ljdkjk dk l>ko nukA

14- dkb vU; ÑR; tk jkT; ljdkj }kjk ftyk ;ktuk lfefr dk lkik tk;A

lfefr dh 'kfDr;k[12]

1- lfefr ljdkj d dkedkt d lEcU/k e ,lh 'kfDr;k dk i;kx djxh tlh dh ml jkT; ljdkj }kjk vf/kfu;e d v/khu vf/klfpr dh tk, vFkok vkofVr dh tk;A

2- jkT; ljdkj og jhfr fofgr rFkk vf/klfpr dj ldxh ftle ,lh 'kfDr;k dk tk fd lfefr dk bl idkj vf/klfpr ;k vkofVr g] i;kx fd;k tk ldxkA

3- ,lh 'kfDr;k dk i;kx djr le; lfefr jkT; ljdkj d v/khuLFk fudk; d :i e le>h tk;xh vkj bu 'kfDr;k dk i;kx jkT; ljdkj dh vkj l rFkk mld fufeÙk djxhA

bl idkj ftyk ;ktuk lfefr dk e/;in'k e e-i- ftyk ;ktuk lfefr] 1995 rFkk e/;in'k ftyk ;ktuk lfefr l'kk/ku vf/kfu;e 1999 d ek/;e l db dk; ,o 'kfDr;k lkix; gA

e/;in'k e ftyk ;ktuk lfefr dh Hkfedk dk vkdyu%

e/;in'k ftyk ;ktuk lfefr l'kk/ku vf/kfu;e] 1999 d }kjk ey /kkjk 3 dk l'kk/ku fd;k x;k gA ey vf/kfu;e dh /kkjk 3 e iko/kku Fkk fd ^fty dh ipk;rk rFkk uxj ikfydkvk }kjk r;kj dh xb ;ktukvk dk lefdr dju rFkk lEi.k fty d fy, fodkl ;ktuk dk ik:i r;kj dju d fy, iR;d fty e ,d ftyk ;ktuk lfefr dk xBu fd;k tk;xkA* ble l'kk/ku dj vc bld dk;{k= dk c<k fn;k g ;ktuk dk ik:i r;kj dju rd iko/kku T;k dk R;k g] exj mld vkx rFkk ,lh vU; 'kfDr;k dk i;kx dju d fy, tlh dh jkT; ljdkj }kjk] ml le;≤ ij lkih tk;--- ble tkM fn;k x;k gA bl idkj ;ktuk cuku d nkf;Ro d lkFk gh ftyk ;ktuk lfefr dk jkT; ljdkj }kjk nljh 'kfDr;k Hkh nh tk ldrh gA ; dku&lh 'kfDr;k gkxh ;g jkT; ljdkj ij fuHkj djxkA 'kfDr;k dh dkb lhek ugh gA ; de Hkh gk ldrh g] vkj vf/kd Hkh] lc dN jkT; ljdkj d fu.k; d Åij fuHkj djrk gA[13]

ftyk ;ktuk lfefr dk ipo"kh; vkj okf"kd ;ktuk r;kj dju d lkFk gh dk;kfUor gk jgh ;ktukvk d vuJo.k vkj eY;kdu dju] fodkl d lEi.k ifØ;k e LofPNd lxBuk dh lgHkkfxrk lfuf'pr dju rFkk jkT; lDVj dh egÙoi.k ;ktukvk d lUnHk e jkT; ljdkj dk lykg nu d vf/kdkj Hkh fn, x; gA lkFk gh jkT; ljdkj ftyk ;ktuk lfefr dh vkj Hkh dk; lki ldrh gA[14]

/kkjk 7 ^d* e inÙk 'kfDr;k d vUrxr viy 1999 e jkT; ljdkj u ftyk ;ktuk lfefr d dk; lpkyu d fy, ,d dkedkt ifØ;k fu;e vf/klfpr fd;kA bld vulkj lfefr dh cBd iR;d ekg e de l de ,d ckj vo'; gkxhA cBd dh dk; lph lfpo }kjk cukb tk;xhA ftldk vueknu v/;{k ¼iHkkjh e=h½ }kjk fd;k tk;xkA cBd dh lpuk cBd dh rkjh[k l de l de ikp fnu io lnL;k dk nh tk;xhA x.kifr ,d frgkb lnL;k l gkxhA fn'kk fo'k"kK vkj lc/k foHkkxk d ftyk ie[k cBdk e vkef=r fd; tk ldxA cBd e fu.k; cger l gkxA fopkj d

fy, j[k x; gj fo"k; d lEcU/k e ,d l{kfidk gkxh vkj cBd dh dk; lph gkxh ft ldk vueknu v/;{k djxA[15]

lfpo ¼dyDVj½ fu;ek d vuikyu d fy, mÙkjnk;h gA ;fn og le> fd lfefr dk dkb fu.k; lfefr d {k=kf/kdkj] fof/k] fu;e] uhfr fun'k vkfn d vudy ugh g] rk o v/;{k dk voxr djk;x] fu.k; dk jkT; ljdkj d fopkjk/khu Hk txA bld ckn gh lfefr }kjk fy; x; fu.k; dk fØ;kfUor djxA lfefr d fopkjkFk o lHkh fo"k; yk; tk;x tk vf/kfu;e dh /kkjk 7 vkj 7 ^d* d vUrxr vkr gA /kkjk 7 e lfefr d dk;k dk mYy[k g rFkk /kkjk 7 ^d* e o 'kfDr;k g] ft ld rgr jkT; ljdkj tk Hkh mÙkjnkf;Ro nuk pkg n ldr gA lfefr dh ;g dk; ifØ;k ;g /;ku e j[kdj cukb x;h g] fd dk; fu;fer :i l gk vkj dk; liknu e dkb vfu;ferrk ;k euekuh u gkA[16]

fu"d"kr% e/;in'k e ftyk ;ktuk lfefr dk inÙk dk;k ,o 'kfDr;k d vk/kkj ij dgk tk ldrk g fd lfefr d dk; fty d fodkl dh –f"V l cM egRoi.k gA LFkkuh; vko';drkvk dk vkdyu fty d ikÑfrd vkj ekuo l k/kuk vkj xke [k.M vkj ftyk d Lrjk ij miyC/k ljpukvk dk ldyu] fodkl dh ikFkfedrkvk dh vo/kkj.kk] fty dh lkekftd&vkfFkd] Hkkfrd&lkekf;d vkj LFkkuh; ifjfLFkfr;k d ifji{; e fty dh ipo"kh; ,o okf"kd ;ktukvk dk r;kj djuk] jktxkj ;ktukvk dk fu:i.k ftyk ;ktuk d ikdyu py jgh ;ktukvk dk vuJo.k eY;kdu vkfn bld ie[k dk;k e gA lkFk gh /kkjk 7 ^d* d iko/kkuk d }kjk ;ktuk lfefr d dk; {k= dk vkj Hkh c<k fn;k x;k gA bld vfrfjDr jkT; ljdkj lfefr dk Hkfo"; e dkb Hkh nkf;Ro lki ldrh g] ,l iko/kkuk Hkh fd; x; gA bl idkj fodUnhÑr] ykdkUe[kh] lonu'khy ,o tokcng i'kklfud 0;oLFkk LFkkfir dju dh –f"V l e/;in'k e ftyk ;ktuk lfefr d ek/;e l fodUnhdj.k ,o leUo; dk c<kok fn;k x;k gA

lUnHk%

1- eghiky] ¼2012½ *xke fu;ktu]* u;kuy cd VLV] bfM;k] ub fnYyh] i- 171

2- *Hkkjr dk lfo/kku* vu- 243 tM MhA

3- f}onh] jk/k;;ke] ¼2002½ *ftyk ljdkj dk dkuu]* e-i- ftyk ;ktuk lfefr vf/kfu;e] 1995] /kkjk 3 dk l'kk/ku] lfo/kk yk gkÅl] Hkkiky] i"B- 10

4- f}onh] jk/k;;ke] ¼2002½ *ftyk ljdkj dk dkuu]* e-i- ftyk ;ktuk lfefr vf/kfu;e] 1995] /kkjk 4 ¼2½] lfo/kk yk gkÅl] Hkkiky] i"B- 18

5- f}onh] jk/k;;ke] ¼2002½ *ftyk ljdkj dk dkuu]* e-i- ftyk ;ktuk lfefr vf/kfu;e] 1995] /kkjk 4 ¼3½] lfo/kk yk gkÅl] Hkkiky] i"B- 18

6- *e/;in'k ftyk ;ktuk milfefr;k vf/kfu;e] 1995]* fu;e&3 e-i- jkti= ¼vlk/kkj.k½ fnukd vxLr] 1995 iB 811-

7- *e/;in'k ftyk ;ktuk lfefr ¼dkedkt d lpkyu dh ifØ;k½ fu;e]* 1999] [k.M&3] fun'k 1&3] vf/klpuk] e-i- jkti= ¼vlk/kkj.k½ ;ktuk ,o vkfFkd lkf[;dh foHkkx] Hkkiky] fnukd 30 ekp] 1999 i"B 383

8- *e/;in'k ftyk ;ktuk lfefr ¼dkedkt d lpkyu dh ifØ;k½ fu;e]* 1999] [k.M&3] fun'k 4&5] vf/klpuk] e-i- jkti= ¼vlk/kkj.k½] ;ktuk ,o vkfFkd lkf[;dh foHkkx] Hkkiky] fnukd 30 ekp] 1999 i"B 383

9- *e/;in'k ftyk ;ktuk lfefr ¼dkedkt d lpkyu dh ifØ;k½ fu;e]* 1999] [k.M&3] fun'k 6&7] vf/klpuk] e-i- jkti= ¼vlk/kkj.k½] ;ktuk ,o vkfFkd lkf[;dh foHkkx] Hkkiky] fnukd 30 ekp] 1999 i"B 384

10- *e/;in'k ftyk ;ktuk lfefr ¼dkedkt d lpkyu dh ifØ;k½ fu;e]* 1999] [k.M&3] fun'k 8&10] vf/klpuk] e-i- jkti= ¼vlk/kkj.k½] ;ktuk ,o vkfFkd lkf[;dh foHkkx] Hkkiky] fnukd 30 ekp] 1999 i"B 384

11- f}onh] jk/k;;ke] ¼2002½ *ftyk ljdkj dk dkuu]* e-i- ftyk ;ktuk lfefr vf/kfu;e] 1995] /kkjk 7 dk l'kk/ku] lfo/kk yk gkÅl] Hkkiky] i"B- 31

12- *e/;in'k ftyk ;ktuk lfefr vf/kfu;e] 1999]* /kkjk 7¼d½ lLFkkfir] e- i- vklk/kkj.k jkti=] fnukd 29 ekp] 1999 i"B- 379&380A

13- oYyHk;kj.k] *e/;in;k dh ftyk ljdkj(Lo:i ,o lHkkouk,]* ***d#fl=*** 1999 i"B- 30

14- f}onh] jk/k';ke] ¼2002½ *ftyk ljdkj dk dkuu]* e-i- ftyk ;ktuk lfefr vf/kfu;e] 1995] /kkjk 7 dk l'kk/ku] lfo/kk yk gkÅl] Hkkiky] i"B- 31

15- *e/;in'k ftyk ;ktuk lfefr ¼dkedkt d lpkyu dh ifØ;k½ fu;e]* 1999] [k.M&1] fun'k 3&4] vf/klpuk] e-i- jkti= ¼vlk/kkj.k½] ;ktuk ,o vkfFkd lkf[;dh foHkkx] Hkkiky] fnukd 30 ekp] 1999 i"B 382

16-*e/;in'k ftyk ;ktuk lfefr ¼dkedkt d lpkyu dh ifØ;k½ fu;e]* 1999] [k.M&1] fun'k 8] vf/klpuk] e-i- jkti= ¼vlk/kkj.k½] ;ktuk ,o vkfFkd lkf[;dh foHkkx] Hkkiky] fnukd 30 ekp] 1999 i"B 382

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ßjk"Vh; xkeh.k jktxkj xkjVh ;ktuk dk xkeh.k vulfpr tkfr [kfrgj&etnjk ij iHkko

*jkekorkj lkdr

Received	Reviewed	Accepted
15 Nov. 2016	22 Nov. 2016	30 Nov. 2016

jk"Vh; xkeh.k jktxkj xkjVh ;ktuk vf/kfu;e 2005 l ykx dh xb gA bl vf/kfu;e d vUrxr iko/kku fd;k x;k g] fd dk;de d }kjk xkeh.k fu/ku [kfrgj&etnj ifjokj d ykxk dk jktxkj miyC/k djkuk g ftl l o jktxkj dk ltu dj ln< gk ldA 'kk/k gr jk"Vh; xkeh.k jktxkj xkjVh ;ktuk dk xkeh.k vulfpr tkfr [kfrgj&etnjk dh ^^vkfFkd ,o lkekftd fLFkfr ij iHkko^^ Kkr dju d fy; lruk fty dk p;u fd;k x;k gA v/;;u d ifj.kkek l Kkr gkrk g fd ;ktuk d rgr jktxkj dju oky dk jktxkj feyk A etnjk d LokfeRo dh Hkfe ij flpkb dh lfo/kk miyC/k gb gA mud ikl ;kf=d ,o rduhdh oLr, flykb e'khu] Vh-oh- lkbfdy] i[kk] dyj ,o vU; ikb xbA o viu xko l gkV] ckt kj] ,o /kkfed LFkyk e io'k djr g(bu LFkyk ij dkb jkd&Vkd ugh jgrkA bl Li"V gkrk g] fd bud lkekftd HknHkko e deh vkb gA

ujxk ;ktuk dk e[; m)'; g] fd xkeh.k {k= d ykxk dk jktxkj miyC/k djkdj iR;d d'ky&v)d'ky] o;Ld xkeh.k [kfrgj&etnj fgrxkgh dk o"k Hkj e 100 fnu dk jktxkj miyC/k gkA bl xkeh.k {k=k e LFkk;h] lkotfud ifjlEifÙk;k d fuek.k dk xfr Hkh feyxhA lkFk gh df"k d fy, ctj Hkfe dk df"k ;kX; cuku ,o xkeh.k [kfrgj&etnjk dh lkekftd] vkfFkd fodkl e lQy lgk;d fl) gkxhA[1]

xkeh.k vulfpr tkfr [kfrgj&etnjk dh n'kk dk l/kkju d fy, ;ktuk d rgr jktxkj miyC/k djkuk g] rkfd mudh vFk0;oLFkk ,o lkekftd 0;oLFkk l'kDr] xfr'khy ,o l/kkjkRed fl) gk ldA ;ktuk e fo'k"kdj xkeh.k vulfpr tkfr@vulfpr tutkfr [kfrgj&etnj fgrxkgh ifjokjk dk jktxkj miyC/k djku dk o/kkfud vf/kdkj inku djuk gA bl vf/kfu;e d vykok vU; vf/kfu;e ,o dkuu turk d }kjk gh turk d fy, turk dk gh dkuu gA[2]

bl ;ktuk d rgr ty lj{k.k] l[kkxLr {k=k dk m)kj] okfudh] o{kkjki.k] Hkfe fodkl] ck< fu;=.k] lj{k.k] dvk] ukyh fuek.k] rkykc fuek.k] ,o lMd dk fuek.k bR;kfn dk;de viuk, x, gA

ujxk ;ktuk e iR;d jkT; ljdkj dk ftEenkjh lkih xb g fd iR;d jkT; ljdkj viu&viu Lrj ij bl jk"Vh; xkeh.k jktxkj xkjVh ;ktuk vf/kfu;e dk r;kj dj iR;d xkeh.k [kfrgj&etnj ifjokj dk o"k e de&l&de 100 fnu dk jktxkj miyC/k gk ldA

;ktuk e xkeh.k {k= d o;Ld ,o d'ky&vd'ky] vulfpr tkfr@tutkfr d ykx 'kkjhfjd Je dju dk r;kj gkxA jk"Vh; xkeh.k

*ih-,p- Mh- 'kks/kkFkh ¼lekt'kkL=½] Mk- ch- vkj- vEcMdj lkekftd foKku fo'ofo|ky;] eg

jktxkj xkjVh ;ktuk e vf/kfu;e dh vulph&1] vulph&2] dk mYy[k gkuk vfuok;; gA jk"Vh; xkeh.k jktxkj xkjVh ;ktuk dk 2005 e ykx gku d ckn bldk 'kHkkjEHk n'k d i/kkue=h MkW euekgu flg u 2 Qjojh] 2006 dk n'k d vkU/kin'k jkT; d vurij fty l fd;k FkkA o"k 2007&-08 e 130 ftyk e 'k: gbA bl idkj l 2007&08 e Hkkjr d 330 ftyk e ujxk ;ktuk dh 'k: vkr gbA 1 viy 2008 e ujxk ;ktuk vf/kfu;e dk 34 jkT;k ,o dUn 'kkflr in'kk lfgr lHkh 614 ftyk vkj 6096 fodkl [k.Mk vkj 2-65 yk[k xke ipk;rk e foLrkfjdr dh tk pdh gA[3]

jk"Vh; xkeh.k jktxkj xkjVh ;ktuk d vUrxr 'kHkkjEHk d le; nh tku okyh etnjh dh nj iR;d jkT; e vyx&vyx jgh g] tl %& egkjk"V e 47 l 72 :i;] mÙkjin'k e 58 l 100 :i;] fcgkj e 68 l 77 :i;] dukVd e 62 l 74 :i;] if'pe cxky e 64 l 70 :i;] ukxky.M e 66 l 100 :i; ,o ;gk e/;in'k e 58 l 68 :i;] jgh gA 1 viy 2013 dk Hkkjr ljdkj d fun'kkulkj e/;in'k e ujxk ;ktuk d rgr ifrfnu] ifr Jfed dk 146 :i; iklr gvkA oreku o"k 2014&15 e ;ktuk d rgr etnjh nj e of) gkdj 151 :i; gk pdh gA[4]

ujxk vf/kfu;e e/;in'k d ftyk lruk lfgr] 18 ftyk ;Fkk % >kcvk] e.Myk] mefj;k] 'kgMky] cMokuh] f'koijh] Nrjij] lh/kh] ckyk?kkV] Vhdex<] [kjxku] cry] [k.Mok] ';kij] /kkj] flouh] lruk ,o fM.Mkjh vkfn ftyk e 2 Qjojh 2006 l ykx gk xb FkhA bld ckn o"k 2007&08 e ujxk ;ktuk dk e/;in'k d 13 ftyk tl % vuiij] fNnokMk] cjgkuij] gjnk] nokl] dVuh] iUuk] nekg] jhok] jktx<] nfr;k] v'kkd uxj ,o xuk vkfn ftyk e ykx dh xbA ;g vf/kfu;e e/;in'k d ftyk lruk lfgr 18 ftyk] e 2 Qjojh 2006 e ykx dh xbA 1 viy 2008] l jk"Vh; xkeh.k jktxkj xkjVh ;ktuk d vUrxr e/;in'k lfgr n'k d cp g,] mu ftyk dk NkMdj tgk ij 100 ifr'kr ckgjh tul[;k g] ykx dj nh xb gA[5]

jk"Vh; xkeh.k jktxkj xkjVh ;ktuk vf/kfu;e 2005 l ykx dh xb gÞA bl vf/kfu;e d vUrxr iko/kku fd;k x;k g] fd dk;de d }kjk xkeh.k fu/ku [kfrgj&etnj ifjokj d ykxk dk jktxkj miyC/k djkuk g ftll o jktxkj dk ltu dj ln< gk ldA v/;;u dk m}"; ;g irk yxkuk g fd jk"Vh; xkeh.k jktxkj xkjVh ;ktuk vf/kfu;e dk lruk fty d xkeh.k vulfpr tkfr [kfrgj&etnj ifjokjk dh lkekftd] vkfFkd fLFkfr e fdruk iHkko jgkA

'kk/k leL;k dk p;u % Hkkjr xkok dk ,o df"k i/kku n'k g ;gk dh 72 ifr'kr tul[;k vHkh Hkh xkok e fuokljr gA xkeh.k {k=k dk thou&;kiu df"k ij fuHkj gA xkeh.k {k= d vulfpr tkfr@vulfpr tutkfr d ykx [krh ij gh fuHkj jgr gA budh vkfFkd vkj lkekftd fLFkfr ij vkt Hkh fiNMh gb gA oreku v/;;u l bud fiNMkiu d iHkko d fo"k; e tkudkjh fey ldxhA xkeh.k {k= d fodkl d fcuk jk"V dk fodkl gkuk lEHko ugh gA

m)'; % iLrr 'kk/k i= gr jk"Vh; xkeh.k jktxkj xkjVh ;ktuk d iHkko dk v/;;u d lkFk e>xok fodkl [k.M] ftyk lruk e xkeh.k vulfpr tkfr [kfrgj&etnjk dh lkekftd ,o vkfFkd fLFkfr dk v/;;u] xkeh.k [kfrgj&etnjk dk ;ktuk e jktxkj d ltu e ;kxnku dk v/;;u] fodkl [k.M e ujxk ;ktuk d rgr xkeh.k vulfpr tkfr [kfrgj&etnjk d ifr iHkko dk v/;;u djuk fd bl ;ktuk l mDr etnjk e fdruk iHkko gvk g] vkfn rF; 'kk/k v/;;u d m)'; gA

'kk/k fof/k %

'kk/k dk v/;;u {k= % iLrr 'kk/k i= gr 'kk/kkFkh }kjk e>xok fodkl [k.M ftyk lruk e/;in'k dk 'kk/k dk v/;;u {k= p;fur fd;k gA

'kk/k v/;;u dk lex % iLrr 'kk/k i= e

ikFkfed ,o f}rh;d L=kr dk lgkjk fy;k x;k gA lkFk gh v/;;u {k= d 21 ipk;rk d leLr xkeh.k vulfpr tkfr [kfrgj&etnj fgrxkgh fuokl dju oky ,o jk"Vh; xkeh.k jktxkj xkjVh ;ktuk d rgr tkc dkM /kkjh fgrxkgh ifjokj ,o 21 ipk;rk d iR;d ipk;r deh ,o ipk;r i/kku 'kk/k v/;;u e lex dh bdkb jg gA

'kk/k dh bdkb% v/;;u {k= d 21 xke ipk;rk d ,dy tkc dkM /kkjh xkeh.k vulfpr tkfr [kfrgj&etnj ifjokj ,o bUgh ipk;rk d lfpo@ljip lex dh bdkb jg gA

fun'ku fof/k% v/;;u {k= e>xok fodkl[k.M e dy 96 ipk;r g ftle l 21 ipk;rk dk p;u fd;k x;kA bUgh ipk;rk l iR;d ipk;r l 20&20 mÙkjnkrk dk p;u fd;k x;k] bl idkj l dy 420 mÙkjnkrkvk dk p;u fd;k x;k gA

v/;;u {k= e>xok fodkl[k.M l p;fur ipk;r rFkk ipk;rk d leLr mÙkjnkrk ,o ipk;r lfpok@ljipk dk fooj.k vxy i"B ij rkfydk d ek/;e l iLrr fd;k tk;xkA

'kk/kkFkh }kjk iLrr 'kk/k i=gr v/;;u {k= l p;fur ipk;rk e Hke.k dj ;ktuk lEcU/kh tkudkjh ,df=r fd;k x;kA 'kk/k fof/k] v/;;u {k= dk uke] ir;d ipk;r l ftru mÙkjnkrk dk p;u fd;k ,o ipk;r deh@ipk;r i/kku dk fooj.k mijkDr pkV e iLrr gA

jktxkj d ltue ;kxnku dh tkudkjh % ¼1½ ujxk ;ktuk d rgr p;fur mÙkjnkrk e 365 ¼86-90 ifr'kr½] i:"k mÙkjnkrk dh Hkkxhnkjh jgh ,o 55 ¼13-10 ifr'kr½] efgyk mÙkjnkrkvk dh Hkkxhnkjh jgh gA vk; d vk/kkj ij tkudkjh feyh fd 28 l 38 o"k d 101 ¼24-04 ifr'kr½] 38 l 48 o"k d 115 ¼27-39 ifr'kr½] 48 l 58 o"k d 94 ¼22-39 ifr'kr½] ,o 58 o"k d 70 ¼16-66 ifr'kr½] mÙkjnkrk ik;;x;A yfdu 18 l 28 o"k ,o 58 o"k l vf/kd d mÙkjnkrk dh Hkkxhnkjh de jgh g D;kfd bl vk;ox d mÙkjnkrk e ikfjokfjd ftEenkjh de jgrh g vkj 58 o"k l vf/kd mÙkjnkrk o}oLFkk d dkj.k jktxkj d fy, vleFk gk tkr gA blfy, budh Hkkxhnkjh de jgh gA ckdh vU; vk; ox d mÙkjnkrkvk dk ;ktuk d rgr jktxkj d ltue ;kxnku jgk gA ¼2½ mÙkjnkrk l ikfjokfjd tkudkjh yh xb ftll ,dy ifjokj d 331 ¼78-81 ifr'kr½] ,o l;Dr ifjokj oky 89 ¼21-19 ifr'kr½] mÙkjnkrk ik;;x;A bll Li"V gfd ltue yxHkx lHkh vk;ox ,o ,dy rFkk l;Dr nkuk ifjokjk dk ujxk ;ktuk d rgr jktxkj d ltue ;kxnku jgk gA ¼3½ v/;;u {k= e Hke.k d nkjku p;fur 420 mÙkjnkrkvk e 20 l 30 fnu jktxkj dju oky 128 ¼30-48 ifr'kr½] 30 l 40 fnu jktxkj dju oky 63 ¼15-0 ifr'kr½] 40 l 50 fnu jktxkj dju oky 44 ¼10-48 ifr'kr½] 50 l 60 fnu jktxkj dju oky 20 ¼4-76 ifr'kr½] 60 l 70 fnu jktxkj dju oky 19 ¼4-52 ifr'kr½] 70 l 80 fnu jktxkj dju oky 14 ¼3-34 ifr'kr½] 80 l 90 fnu jktxkj dju oky 11 ¼2-62 ifr'kr½ ,o 90 l 100 fnu jktxkj dju oky 102 ¼24-28 ifr'kr½] mÙkjnkrk jktxkj ikIr gA

jk"Vh; xkeh.k jktxkj xkjVh ;ktuk d fd;kUo;u e dk;LFky ij feyu okyh lfo/kkvk dk mYy[k iLrr fd;k x;k gA p;fur mÙkjnkrk l v/;;u {k= e mDr lfo/kk feyu dh tkudkjh ikb xbA ftl vxy i"B ij lkj.kh d ek/;e l iLrr fd;k tk;xkA

bl ujxk ;ktuk e iko/kku fd;k x;k g fd ;ktuk d fd;kUo;u e dk;LFky ij Jfedk dk ihu d ikuh dh lfo/kk] Bgju@lLrku d fy, Nkg dh lfo/kk] Jfedk d NkV cPpk d jgu ,o n[kj[k d fy, ,d efgyk egkyokMh Jfed fu;Dr gkuk] ,o Jfedk d pkV yxu ,o NkVh&ekVh rdyhQ gku ij fpfdRlk vkfn ikp lfo/kkvk dk oknk fd;k x;k gA ;ktuk e Jfedk d fy, tk lfo/kk, feyh g mudk fooj.k lkj.kh }kjk uhpy ifDr e iLrr fd;k tk jgk gA

lkj.kh&1-1

;ktuk d fd;kUo;u e Jfedk dk feyu okyh lfo/kk,a lkj.kh e iLrr g

d-	Jfedk dk feyu okyh lfo/kk,a	p;fur mŸkjnkrk	lfo/kk iku oky	ifr'kr
1-	ihu dk ikuh dh lfo/kk	420	211	50-23
2-	Bgju@lLrku gr Nkg dh lfo/kk	420	89	21-19
3-	NkV cPpk d jgu gr lfo/kk	420	89	21-19
4-	cPpk d n[kj[k gr ,d Jfed	420	57	13-57

lkj.kh&1-2

ujxk ;ktuk d rgr v/;;u {k= e g, fuek.k dk; dh tkudkjh

Ø-	;ktuk }kjk g, dk; dh tkudkjh	p;fur mÙkjnkrk	tkudkjh ikIr mRrjnkrk	ifr'kr
1	2 l 3 dk;] %& ify;k fuek.k] lMd] ,o ukyhA	420	53	12-62
2	3 l 4 dk; %& xkeh.k lEid ekx] ih-lh-lh- jkM] uUnu Qy m|ku] ,o 'kkpky;A	420	124	29-52
3	4 l 5 dk; %& dvk] o{kkjki.k] okVj 'kM] eM cU/kku] ,o tulEid ekxA	420	51	12-14
4	5 l 6 dk; %& okfudh Hkfe] Hkfe fodkl] dvk] ty lj{k.k] o{kkjki.k ,o ify;k fuek.kA	420	42	0-10
5	6 l 7 dk; %& okVj 'kM] o{kkjki.k] ejeh dj.k lMd] tulEid ekx] ihlhlh jkM ,o dvkA	420	16	3-80
6	7 l 8 dk; %& eM cU/kku] ify;k fuek.k] rkykc fuek.k ,o xgjhdj.k] xkn fudklh] ih-lh-lh- jkM] tulEid ekx] dvk] ,o [kM. tk foNkukA	420	25	5-96
7	ekye ugh	420	109	25-96
dy mRrjnkrk		**420**	**420**	**100**

lo l irk pyk fd ujxk ;ktuk d rgr 50 ifr'kr l vf/kd mŸkjnkrkvk d ekxulkj ipk;r e ;ktuk d rgr dk; lEiUu fd; x, gA

vkfFkd fLFkfr dh tkudkjh%

¼1½ ;ktuk d rgr v/;;u {k= e v/;;u d nkjku 420 mÙkjnkrk e 65 ¼15-47 ifr'kr½ mÙkjnkrk d cd [kkrk ugh [kyk o ifjokj d vU; lnL;k d cd [kkrk l Hkxrku djr g rFkk 355 ¼84-53 ifr'kr½ mÙkjnkrk d cd [kkrk [kyk gA bll Li"V gkrk g fd ;ktuk d rgr jktxkj dju oky lHkh xkeh.k [kfrgj&etnjk d cd [kkrk [kyk gA Jfedk d fy, ;g ;ktuk vPNh gA ¼3½ v/;;u {k= e v/;;u d nkjku p;fur mÙkjnkrk ;kf=d ,o rduhdh oLr dk mi;kx dju dh tkudkjh yh xb ftll 331 ¼78-81 ifr'kr½ mÙkjnkrk ;kf=d ,o rduhdh oLr dk mi;kx djr ik; x; gA lkFk ;g Hkh dgk tkrk g fd p;fur 420 mÙkjnkrk e ftu mÙkjnkrk d Lo; df"k ;kX; Hkfe gA ;ktuk d rgr 73 ¼17-38 ifr'kr½ mÙkjnkrk d LokfeRo dh Hkfe ij flpkb dh lfo/kk miyC/k gb gA bll dgk tkrk g fd bu ekeyk e [kfrgj&Jfedk d ifr iHkko vk;k gA

Lkkekftd fLFkfr dh tkudkjh%

¼1½ v/;;u {k= e v/;;u d nkjku p;fur mÙkjnkrk l lkekftd fLFkfr dh tkudkjh feyh fd ipk;r d vUnj jk"Vh; io] xke lHkk dh cBd] gkVy] ndku] lkotfud LFkyk ,o vU; lkefgd dk;de e ,d lkFk cBu ,o HknHkko u gku dh tkudkjh nu oky 248 ¼59-04 ifr'kr½ ik; x;A viu xko l gkV] ckt kj ,o /kkfed LFkyk e 375 ¼87-28 ifr'kr½ mÙkjnkrk io'k djr ik; x;] bll Li"V gkrk g] fd vkt oreku e lkekftd HknHkko e deh vkb gA ¼2½ p;fur mÙkjnkrk l ?kj e mPp ox d vku l cBu okyh oLr e mlh oLr e ,d cBu oky 37 ¼8-81 ifr'kr½ ik; x;] rFkk mPp ox d ?kj e ifrHkkt vk;kftr gku ij [kkuk [kku okyh oLr dk Lo; u gVku oky 79 ¼18-81 ifr'kr½ mÙkjnkrk ik; x;A bll Li"V gkrk g] fd ;ktuk d rgr jktxkj dju oky mÙkjnkrk l tkudkjh vulkj bl lEcU/k e Hkh deh vkb gA

iHkko d fLFkfr dh tkudkjh %

¼1½ jk"Vh; xkeh.k jktxkj xkjVh ;ktuk d rgr jktxkj dju oky p;fur 420 mŸkjnkrk e yxHkx lHkh mŸkjnkrk d ikl ;kf=d ,o rduhdh oLr ikb xbA ftu mŸkjnkrk d ikl 4 l 5 ,dM Lo; df"k ;kX; Hkfe g(mud ikl flpkb e'khu Hkh ikb xb ,o ftudh okf"kd vk; 40]000 l 50]000 rd g mud ikl flykb e'khu] Vh-oh- lkbfdy] i[kk] dyj ,o vU; ;kf=d ,o rduhdh oLr, ikb xbA bl ekey e ;g ;ktuk iHkkoe; gb gA 366 ¼87-14 ifr'kr½ mÙkjnkrk d cd [kkrk [kyk gA lokf/kd ykxk dk cd e [kkrk [kyk ik; x; vr% ;g ;ktuk iHkkoe; gA ¼2½ ujxk ;ktuk d rgr p;fur mÙkjnkrk e 218 ¼79-76 ifr'kr½ mÙkjnkrk d fy, ;g ;g ;ktuk df"k etnjh gku d ckn lgk;d g D;kfd cjktxkjh d le; mDr ;ktuk }kjk jktxkj feyk g blfy, ;g ;ktuk iHkko d fy, lgk;d gA jk"Vh; xkeh.k jktxkj xkjVh ;ktuk d rgr dk; dj jg p;fur e 316 ¼75-23 ifr'kr½ mÙkjnkrk dk cjktxkjh d le; jktxkj feykA ujxk ;ktuk d rgr dk; dju oky 302 ¼71-91 ifr'kr½ mŸkjnkrk u dgk g fd bl ;ktuk }kjk xkeh.k {k=k e fuek.k dk; gkdj fodkl gvk gA blfy, ;g ;ktuk xkeh.k fodkl e iHkkoe; gA p;fur 420 mŸkjnkrk e 73 ¼17-38 ifr'kr½ mŸkjnkrk d Lo; df"k ;kX; Hkfe e ujxk ;ktuk }kjk flpkb lfo/kk miyC/k gb gA ujxk ;ktuk d rgr 389 ¼92-62 ifr'kr½ mŸkjnkrk dk ;ktuk d rgr dk;LFky ij lfo/kk miyC/k feyh g] blfy, ;g ;ktuk iHkko e vPNh gA

lkj.kh&1-3
lo vulkj] ujxk ;ktuk d rgr v/;;u {k= e mŸkjnkrk e vk; cnyko

d-	fuek.k dk; }kjk g, iHkko	dy mŸkjnkrk	mŸkjnkrk e vk; cnyko	ifr'kr
1-	edku rd igp ekx	420	215	51-19
2-	'kkpky;	420	127	30-23
3-	fcty h	420	375	89-28
4-	;kf=d ,o rduhdh oLr,	420	331	83-33
5-	i;ty dh lfo/kk	420	335	79-76
6-	ty fudkl	420	175	41-66
7-	Lkkekftd fLFkfr	420	128	30-47

lo d vulkj ujxk ;ktuk d rgr p;fur mŸkjnkrk d ifr vk; cnyko dh tkudkjh dk irk pyk fd ¼1½ edku rd igp ekx gku dh tkudkjh nu oky] 215 mŸkjnkrk tk 51-19 ifr'kr ik; x,] ½2½ 'kkpky; fuek.k lfo/kk gku dh tkudkjh nu oky] 127 mŸkjnkrk tk 30-23 ifr'kr] ½3½ fcty h dh lfo/kk miyC/k gku dh tkudkjh nu oky] 375 mŸkjnkrk tk 89-28 ifr'kr] ¼4½ ;kf=d ,o rduhdh oLr gku dh tkudkjh nu oky 320 mŸkjnkrk tk 83-33 ifr'kr] ½5½ i;ty dh lfo/kk ikl e miyC/k gku dh tkudkjh nu oky 335 mŸkjnkrk tk 79-76 ifr'kr] ½6½ ty fudkl dh lfo/kk gku dh tkudkjh nu oky 175 mŸkjnkrk tk 41-66 ifr'kr ,o ½7½ lkekftd HknHkko e deh gku dh tkudkjh nu oky] 128 mŸkjnkrk d tk 30-47 ifr'kr g ,o ½8½ vkfFkd fLFkfr e iHkko gku dh tkudkjh nu oky 302 mŸkjnkrk tk 71-91 ifr'kr ik; x,A

fu"d"k % fu"d"k dgk tk ldrk g fd 'kk/kkFkh u jk"Vh; xkeh.k jktxkj xkjVh ;ktuk dk 'kk/k gr fo"k; cukdj p;u fd;k gA 'kk/kkFkh }kjk v/;;u {k= d xkeh.k leLr vulfpr tkfr [kfrgj&etnj mÙkjnkrk l Hke.k dj ;ktuk d fd;kUo;u dh fuEu tkudkjh yh xbA tkudkjh dk fu"d"k lf{kIr :i l vxyh ifDr;k ij iLrr fd;k tk jgk gA

ujxk ;ktuk d rgr p;fur 420 mÙkjnkrk e i:"k 365 mÙkjnkrk lokf/kd ik; x;] ,o efgyk 55 mÙkjnkrk dh Hkkxhnkjh de jgh gA vk; ox dh tkudkjh l Li"V gkrk g fd ikjfEHkd 28 l 38 ,o vfUre 48 l 58 o"k d mÙkjnkrkvk dh Hkkxhnkjh jgh gA lkFk 18 l 28 ,o 58 o"k l vf/kd vk; ox dh Hkkxhnkjh de jgh gA bl l Li"V gkrk g fd 18 l 28 ,o 58 o"k d mÙkjnkrk e ikfjokfjd ftEenkjh de jgh g] ,o 58 o"k l vf/kd mÙkjnkrk o} gku d dkj.k jktxkj d fy, vleFk jgr g(bl dkj.k l budh Hkkxhnkjh de ikb xbA ;ktuk e ,dy ifjokj dh vi{kk l;Dr ifjokj dh Hkkxhnkjh de jgh gA ;ktuk e fuek.k dk; ekuo Je }kjk gh djk; x; g e'khuk }kjk ughA

;ktuk e 100 fnu dk jktxkj iku oky 102 mÙkjnkrk de ik; x;A bld vykok tk mÙkjnkrk

ftru fnu dk jktxkj pkgk g ml mru fnu dk jktxkj feyk gA bl Li"V gkrk g fd ;ktuk d rgr jktxkj dju oky dk jktxkj feyk gA ;ktuk d rgr p;fur mÙkjnkrk e 355 mÙkjnkrk d cd [kkrk [kyk gA mue l ;kf=d oLrvk dk 331 mÙkjnkrk mi;kx djr ik; x;A ;ktuk d rgr 73 mÙkjnkrk d df"k ;kX; Hkfe e flpkb dh lfo/kk miyC/k gb gA

;ktuk d rgr p;fur mue l 248 mÙkjnkrk jk"Vh; io] xke lHkk dh cBd /kkfed dk;de ,o vU; lkefgd dk;de e ,d lkFk cBr gA 375 mÙkjnkrk viu xko l gkV] ckrkj] ,o /kkfed LFkyk e io'k djr g(bu LFkyk ij dkb jkd&Vkd ugh jgrkA bl Li"V gkrk g] fd oreku e lkekftd HknHkko e deh vkb gA

;ktuk d rgr mue l lokf/kd mÙkjnkrk d ikl cd [kkrk rFkk ;kf=d ,o rduhdh oLr, ikb xbA 218 mÙkjnkrk dk df"k etnjh d vykok ;g ;ktuk lgk;d gkdj iHkkoe; gA mue l 316 mÙkjnkrk dk ;ktuk }kjk cjtxkjh d le; jktxkj feyk gA 302 mÙkjnkrk dk xkeh.k {k= e fuek.k dk; gkdj fodkl gku dh tkudkjh gA 73 mÙkjnkrk d Lo; df"k ;kX; Hkfe e ;ktuk d rgr flpkb lfo/kk miyC/k gbA lkFk ;ktuk d fd;kUo;u d le; tk lfo/kk feyuk ykx g] rk dk;LFky ij 389 mÙkjnkrk dk mDr lfo/kk, feyh] blfy, xkeh.k [kfrgj&etnjk dk ;g ;ktuk iHkkoe; gA

ujxk ;ktuk d fd;kUo;u e efgyk mÙkjnkrk dh deh dk nj dj mUg ;ktuk e 33 ifr'kr jktxkj e lfEefyr djuk gkxkA 18 l 28 o"k ,o 58 o"k d vf/kd mÙkjnkrkvk d :fp erkfcd ;ktuk e jktxkj nuk gkxkA rkfd o jktxkj e ;kxnku n ldA ;ktuk e ,dy ,o l;Dr ifjokj d ykxk dk i.kr% jktxkj miyC/k djkuk gkxkA ;ktuk d fd;kUo;u e e'khuk dk mi;kx gku ij e'khuk dk tlrdj ipk;r lfpok@ljipk d fo:} dkuuh dk;okgh djkuk gkxkA ;ktuk d rgr fdlh ipk;r d vUnj vulfpr tkfr@tutkfr mÙkjnkrk dh i;kIr l[;k u gku ij ogk ij vU; {k=k d mÙkjnkrk dk jktxkj eg;k djkuk gkxkA ekLVj pkV Hkjuk ,o lfefr d xBu e 2 efgyk lnL; djuk gkxkA ;ktuk e] le; l jktxkj u feyu ij cjktxkjh HkÙkk ,o etnjh dk Hkxrku foyEc gku l mUg evkotk nuk gkxkA vf/kfu;e e jktxkj d fnuk dk tk fu/kkj.k g Jedk dk i.k fnolk dk jktxkj miyC/k djkuk gkxkA ftu mÙkjnkrk dk 100 fnu dk jktxkj i;kIr ugh g] ,o ftl ifjokj e jktxkj dju oky 2&3 lnL; g mUg 150 fnu dk jktxkj miyc/k djkuk gkxkA

;ktuk d rgr ftu mÙkjnkrk d cd [kkrk [kkyu dk vHkko g mud cd [kkrk [kyokuk gkxkA ftu mÙkjnkrk e ;kf=d ,o rduhdh oLr dk mi;kx dju dk vHkko g mUg ;ktuk e i.k jktxkj ndj mUg ;kf=d ,o rduhdh oLr mi;kx dju dk l'kDr djuk gkxkA ftu mÙkjnkrk d Lo; dh Hkfe e flpkb lfo/kk miyC/k ugh g] ;ktuk d rgr vunku jkf'k miyC/k djkdj mUg df"k Hkfe e flpkb lfo/kk djku dk ifjr djuk gkxkA

jk"Vh; io] xke lHkk dh cBd] /kkfed dk;de] gkVy] ndku] tyk'k;] /kkfed LFkyk] ,o mPp ox d ?kj e ifrHkkt dju ij Lo; oLr gVku ij] ,l dR; l eDr djkdj i'kklfud l/kkj djkuk gkxkA ,o gkVy] ndku e Vcy] dlh e ,d lkFk cBu ,o io'k dju e lkekftd HknHkko gku ij mUg l'kDr djuk ,o mudh lj{kkdj io'k dju dk ifjr djuk gkxkA

ftu mÙkjnkrk dk ;g ;ktuk iHkko e vPNh ugh g mUg ;ktuk e :fp erkfcd jktxkj miyC/k djkuk gkxkA i.k fnolk] etnjh dk Hkxrku le; ij gkuk ,o l;e l Hkxrku u gku ij evkotk nuk gkxkA ;ktuk d fd;kUo;u e dk;LFky ij tk lfo/kk feyu dk vHkko g dk;LFky ij Jfedk dk mDr lfo/kk, miyC/k djkdj mu mÙkjnkrk d fy, ;ktuk dk iHkkoe; cukuk gkxkA

lUnHk%

1- e/;in"k ljdkj ¼2005½ ***ipk;r ,o xkeh.k fodkl foHkkx]*** e/;in'k Hkkiky] i"'B&1]&2]&3]&4 ,o 5]

2- lfr;k] ¼2013½] 'kHkk"k] tu vydk] ,o vpuk 'kek] ***þxkeh.k fodkl dk vk/kkj jktxkjþ*** d:{k= fgUnh ekfld if=dk] liknd % yfyrk [kjkuk] idk'kd % xkeh.k fodkl e=ky;] ub fnYyh&110011] Qjojh i"B&9]&10]

3- dekjh ¼2013½ lfcrk] ***þfodkl dk;dek l xkok e vk jgh [k'kgkyhþ*** d:{k=] fgUnh ekfld if=dk] liknd % yfyrk [kjkuk] idk'kd % xkeh.k fodkl e=ky; ub fnYyh&110011] vDVcj i'B&24

4- frokjh] ¼2013½ dey fd'kkj ßeujxk dh etnjh c<hþ ***jktxkj vkj fuek.k*** e/;in'k ek/;e 40] i'kklfud {k=] vjjk fgy] Hkkiky&462011] 18&03 l 24&03&] i"B&1]

5- ik.M; ¼2014½ vkuUn dekj ,o Jherh vpuk ik.M;] ***þe/;in'k e fd;kfUor egRoi.k ;ktuk,þ*** idk'kd % e/;in'k fgUnh xFk] vdkneh] johUnukFk Bkdj ekx] ckuxxk Hkkiky e/;in'k&462003] o"k] i'B&448

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tutkfr lekt dk lkekftd&vkfFkd v/;;u

¼[kjxku fty d fo"k'k lnHk e½

*iHkk cgkj
**exy Mkoj

Received	Reviewed	Accepted
23 Nov. 2016	04 Dec. 2016	09 Dec. 2016

tutkfr lekt ij lekt"kkL= ,o lekt dk; fo'k; e le;≤ ij egRio.k v/;;u gkr jg gA ifjoru idfr dk fu;e gA pfd tutkfr lekt Hkh idfr dk ,d vx g vr%ble Hkh fofHkUUk idkj d ifjoru gkr jgr gA uxjhdj.k] vk|kfxdj.k] fodkl ;ktukvk ,o tu lpkj d lk/kuk u bl lekt e vey py ifjoru yk; gA uxjh; lenk; l Hkh budk lid yxkrkj c<k gA ;gh dkj.k g fd tutkfr lekt d lkekftd ,o vkfFkd <kp e Hkh yxkrkj cnyko gk jg gA bu cnyrh gb ifjfLFkfr;k e tutkfr lekt dk lkekftd&vkfFkd v/;;u vko";d g rkfd ikIr fu'd'kk d vk/kkj ij bud fodkl d fy; cgrj ;ktuk, cuk;h tk ldA iLrr v/;;u e/;in"k jkT; d [kjxku fty d tutkfr lekt d lnHk e gA

iLrkouk %

e/;in"k dk tutkfr ifjn"; vud vFkk e cgjxh vkj egRoi.k gA ;gk yxHkx pkfyl tutkfr;k fuokl djrh gA tutkfr tul[;k d lnHk e e/;in"k ij n"k e "kh'k ij gA ;gk dk tutkrh; thou] mudh lLdfr ,o fof"k'V fØ;k fof/k;k lekt oKkfudk d fy; v/;;u dk fo'k; jgh gA budk jgu&lgu] uR;] lxhr] lkekftd 0;oLFkk] vFk0;oLFkk ,o lLdfr foy{k.k vkj vkdf'kr dju okyh gA

^vkfntkfr^ ;k ^Vkbc^ "kCn dh ifjHkk'kk n"k vkj dky d vulkj cnyrh jgrh gA lk/kkj.kr;k ;g ekuk tkrk g fd vkfntkfr dh viuh fof"k'V Hkk'kk] lekt&0;oLFkk] lLdfr] itkfr] ijkdFkk vkfn gkrh gA iR;d vkfntkfr ,d fuf"pr {k= e fuokl djrh g vkj mld thou e vf/kd ,d :irk ikb tkrh gA ¼vVy ,o fllkfn;k] 2011½

xkM e/;in"k d lHkh ftyk e ik;h tku okyh tutkfr g] yfdu vU; tutkfr;k dk Qyko dN fo"k'k {k= rd lhfer gA ,d {k= e jgu okyh tutkfr;k dh lLdfr vkj lkekftd 0;oLFkk nlj {k= e jgu okyh tutkfr;k l loFkk vyx gA e/;in"k d mŸkj if"pe ifj{k= e ejuk] f"koijh] xuk fty vkj lhekorh dN fgLl lfEefyr g] bl {k= e fo"k'k fiNMh] tutkfr lgfj;k fuokl djrh gA in"k d nf{k.k ioh ifj{k= ft le eMyk] fM.Mkjh] ckyk?kkV] flouh] fNnokMk] "kgMky fty vkj lhekorh ftyk dk dN {k= "kkfey g] bl {k= e xkM] dkjd] dky] cxk] ij/kku ,o Hkkfj;k vkfn tutkfr;k fuokl djrh gA

*ik/;kid] "kk- lLdr egkfo|ky;] bnkj
**ih,p- Mh- "kk/kkFkh] noh vfgY;k fo"ofo|ky; bnkj

in"k d if"peh ifj{k= ftle >kcvk] vkyhjk tij] /kkj] [kjxku] [kMok] jryke fty vkj mud lhekorh fty dk dN Hkkx lfEefyr g] bl {k= e Hkhy] Hkhyky] ckjyk ,o iVfj;k ie[k tutkfr;k gA iLrr v/;;u blh {k= e fd;k x;k gA

bl {k= e xko dh ijEijkxr ipk;r 0;oLFkk ik;h tkrh g tk viu fuokfl;k ij fu;=.k cuk; j[krh gA

lkekftd ,o /kkfed 0;oLFkk dk lpkfyr dju d fy, xko e iVy] rMoh] Mkgyk] itkjk vkj cMok xko d e[; ,o lkekftd :i l ifrf'Br 0;fDr gkr gA xko d ykx le;≤ ij bul ekxn"ku yr g ¼"kkfMY;] 2006½

bl idkj xko e lkekftd lxBu cuk jgrk g vkj lHkh 0;fDr lkekftd ,o /kkfed fu;ek dk ikyu djr gA Hkhy bl {k= dh e[; tutkfr g tk :f<;k ,o ijijkvk dk ikyu djrh gA ;gh dkj.k g fd bue f"k{kk dk ilkj de gA

Hkhyk e f"k{kk Lrj dk v/;;u dju ij ik;k x;k fd bue f"k{kk dk ilkj dkQh de gvk gA ; ykx viuh ikphu ijEijkvk l bru xflr g fd f"k{kk dk iHkko bue ugh d cjkcj gA ¼jkBkM] 1994½

fuEu f"k{kk Lrj dk diHkko bud vkfFkd thou ij Hkh n[kk tk ldrk g] bu {k=k e ou llk/kuk dk gkl gk tku l vc tutkfr thou df'k ij fuHkj gk x;k gA

vkfnoklh df'k d {k= u;&u; g] dkb 100&125 o'k dk vuHko vkfnokfl;k dk [krh dju dk gA igyh ipo'kh; ;ktuk rd ; leg thodkiktu df'k ek= djr Fk] ¼f=onh] 1996½

tutkrh; lekt dh ie[k vkfFkd fØ;k df'k gA f}rh;d {k= d rgr mud dVhj m|kx] f"kYidyk dk gkl gk pdk gA ¼frokjh] 1990½

bl li.k {k= e Hkhyk d vi{kk fHkykyk dh vkfFkd fLFkfr dgh vf/kd vPNh gA o viuh Qly egktuk d lin ugh djr] oju Lo; ckt kj gkV d fnu QVdj :i l cpr gA vkfnoklh {k=k e vkj mll yx NkV uxj rFkk dLck e mUg viuh Qlyk dk cpr g, n[kk tk ldrk gA ¼oek] 1992½

tutkfr lekt e L=h&i:'k d e/; fyxxr HknHkko dk vHkko ik;k tkrk gA ;gh dkj.k g fd tutkrh; {k=k e L=h&i:'k fyxkuikr lcl Åij gA L=h i:'k dk otrkeDr vkj lgt cuku d fy; vkfnoklh lekt k d vud foy{k.k 0;oLFkk, gA bl {k= e Hkkxkfj;k ,lk voljg tgk tutkfr lekt d [kyiu dk vuHko fd;k tk ldrk gA

tutkfr lekt dk lkekftd 0;oLFkk ,o vkfFkd ljpuk dk le>u dk iLrr v/;;u e i;kl fd;k x;k gA

mnn";%

1- tutkfr lekt dh lkekftd n"kk dk v/;;u djukA
2- tutkfr lekt dh vkfFkd n"kk dk v/;;u djukA

"kk/k ifof/k%

v/;;u dk lex& iLrr v/;;u dk lex [kjxku fty d tutkfr ifjokj gA

v/;;u dh bdkb&v/;;u dh bdkb tutkfr ifjokj gA

fun"ku fof/k& iLrr v/;;u e no fun"ku fof/k l fty d 200 tutkfr ifjokjk dk p;u fd;k x;k gA

v/;;u {k= & iLrr v/;;u dk {k= e-i- dk [kjxku ftyk gA

rF; ldyu%

¼v½ ikFkfed L=kr & iLrr v/;;u e ikFkfed L=krk d ldyu d fy; lk{kkRdkj vulph] leg ppk ,o voykdu fof/k dk mi;kx fd;k x;k gA

¼c½ f}rh;d L=kr & f}rh;d rF;k d ldyu d fy; "kk/k xFkk] lnHk xFkk ,o "kk/k tuy dk mi;kx fd;k x;k gA

tutkfr ifjokjk dh lkekftd&vkfFkd fLFkfr%

v/;;u {k= e lk{kkRdkj vulph l ikIr tutkfr mŸkjnkrkvk dh lkekftd&vkfFkd fLFkfr dk fo"y'k.k bl idkj g&

lkj.kh Ø- 01

tutkrh; mŸkjnkrkvk dh ikfjokfjd i'BHkfe

Ø-	ifjokj	vkofŸk	ifr'kr
1	,dy ifjokj	124	62
2	l;Dr ifjokj	76	38
;kx&		200	100

mijkDr lkj.kh l Li'V gkrk g fd v/;;u e tutkfr ifjokjk e l 62 ifr"kr ifjokj ,dy g ,o 38 ifr"kr l;Dr ifjokj gA vr% fu'd'kr% dgk tk ldrk g fd tutkfr lekt e ,dy ifjokj vf/kd ik; tkr gA

lkj.kh Ø- 02

mŸkjnkrkvk dh tutkfrokj fLFkfr

Ø-	tutkfr	vkofŸk	ifr'kr
1	Hkhy	120	60
2	Hkhykyk	48	24
3	ckjyk	18	09
4	iVfj;k	14	07
;kx&		200	100

mijkDr lkj.kh l Li'V gkrk g fd v/;fur tutkfr ifjokjk e 60 ifr"kr ifjokj Hkhy tutkfr] 24 ifr"kr ifjokj Hkhykyk] 9 ifr"kr ckjyk ,o 07 ifr"kr iVfj;k d gA vr% dgk tk ldrk g fd v/;;u {k= e lcl vf/kd Hkhy tutkfr d ifjokj fuokl djr gA

lkj.kh Ø- 03

mŸkjnkrkvk dh "k{kf.kd fLFkfr

Ø-	f'k{kk Lrj	vkofŸk	ifr'kr
1	vf;kf{kr	100	50
2	ikFkfed f'k{kk	44	22
3	ek/;fed f'k{kk	20	10
4	gkbLdy	16	08
5	Lukrd	12	06
6	LukrdkŸkj	04	02
7	rduhdh	02	02
;kx&		200	100

mijkDr lkj.kh l Li'V gkrk g fd v/;fur ifjokjk d 50 ifr"kr mŸkjnkrk vf"k{kr gA 22 ifr"kr mŸkjnkrk ikFkfed f"k{kk ikIr gA 10 ifr"kr mŸkjnkrk ek/;fed f"k{kk] 8 ifr"kr mŸkjnkrk gkbLdy] 06 ifr"kr mŸkjnkrk Lukrd] 02 ifr"kr mŸkjnkrk LukrdkŸkj ,o 02 ifr"kr mŸkjnkrk rduhdh f"k{kk ikIr gA vr% fu'd'kr% dgk tk ldrk g fd tutkfr ifjokjk e f"k{kk dk Lrj fuEu gA

lkj.kh Ø- 04
mŸkjnkrkvk d vkokl dk Lo:i

Ø-	vkokl dk Lo:i	vkofŸk	ifr'kr
1	iDdk	14	07
2	dPpk	158	79
3	>kiMh	28	14
;kx&		200	100

mi;Dr lkj.kh l Li'V gkrk g fd v/;;fur tutkfr ifjokjk e 07 ifr"kr ifjokjk d vkokl iDd g] 79 ifr"kr ifjokjk d vkokl dPp g] tk feVVh l fufer gA 14 ifr"kr ifjokjk d vkokl >kiMhuek gA vr% fu'd'kh dgk tk ldrk g fd vf/kdk"k tutkfr ifjokjk d vkokl dPp ;k >kiMhuek gA

lkj.kh Ø- 05
vkokl e ty L=kr dh fLFkfr

Ø-	lfo/kk;	vkofŸk	ifr'kr
1	dvk	116	58
2	g.Mii@ckfjx	76	38
3	unh@rkykc	08	04
;kx&		200	100

mi;Dr lkj.kh l Li'V gkrk g fd v/;k;fur tutkfr ifjokjk e l 58 ifr"kr ifjokjk dk i;ty L=kr dvk gA 38 ifr"kr g.Mii@ckfjx l ,o 04 ifr"kr ifjokj unh@rkykc l i;ty yr g vr% fu'd'kr% dgk tk ldrk g fd tutkfr ifjokjk dh i;ty d fy; dvk ij vf/kd fuHkjrk gA

lkj.kh Ø- 06
mŸkjnkrkvk d vkokl e fo|r miyC/krk dh fLFkfr

Ø-	fo|r duD'ku	vkofŸk	ifr'kr
1	gk	168	84
2	Ukgh	32	16
;kx&		200	100

mi;Dr lkj.kh l Li'V gkrk g fd v/;k;fur tutkfr ifjokjk d 84 ifr"kr vkokl k e fo|r dh lfo/kk miyC/k g] tcfd 16 ifr"kr ifjokjk d vkokl e ;g lfo/kk miyC/k ugh gA vr% dgk tk ldrk g fd vkt Hkh db tutkfr ifjokj fo|r lfo/kk l ofpr gA

lkj.kh Ø- 07
mŸkjnkrkvk dh 0;olkf;d i'BHkfe

Ø-	0;olk;	vkofŸk	ifr'kr
1	df"k	82	41
2	Ektnjh	60	30
3	i"kikyu	26	13
4	0kukit	12	06
5	ukdjh	04	02
6	Lojktxkj	06	03
7	ndku	02	01
8	xg m|kx	08	04
;kx&		200	100

mi;Dr lkj.kh l Li'V gkrk g fd v/;k;fur tutkfr ifjokjk e l lcl vf/kd 41 ifr"kr ifjokjk e df'k e[; 0;olk; g] nlj LFkku ij etnjh 30 ifr"kr ifjokjk dk e[; 0;olk; gA oukit ldyu dju oky 06 ifr"kr ifjokj g bl {k= e ou link d gkl d dkj.k oukit dh ikflr de gk xb gA ukdjh dju oky ek= 02 ifr"kr ykx gA 03 ifr"kr ifjokjk dk viuk Lojktxkj gA 4 ifr"kr ifjokjk e xg m|kx d vrxr gLrdyk dh oLr, cuk;h tkrh gA ek= 1 ifr"kr ifjokj e ndku dk 0;olk; fd;k tkrk gA fu'd'kr% dgk tk ldrk g fd v/;;u {k= dh xkeh.k vFk0;oLFkk i.k :i l df'k ij fuHkj gk xb gA

fu'd'k%

tutkfr lekt d lkekftd&vkfFkd v/;;u dj fu'd'kr% dgk tk ldrk g fd v/;;u {k= dh tutkfr dk viuk lhfer lLdfrd {k= gA ;gk d tutkfr ykxk dh o"kHk'kk] vkHk'k.k ,o d"kfoU;kl dh viuh fo"k'krk, gA bud xgu db idkj d gkr gA pknh] dkl k] ihry] fxyV rFkk rkc l cuk; tkr gA NkVh yMfd;k vyx&vyx jxk dh ekyk, igurh gA fL=;k viu "kjhj e xnu xnokrh gA fookg dh fo"k'k fof/k;k ipfyr g ,o o/k eY; dk fjokt gA

tutkfr ifjokjk e uR; lxhr d lkeku ,o ok|;= cgr vkd'kd vkj dkQh cM vkdkj d gkr gA bud ?kj ik;% dPp gkr g vkj bud ikl feVVh d cru] ckl dh Vkdfu;k] eNyh idMu dk tky] /ku'k&ck.k] Q lh] Vfx;k] gfl;k] Qfy;k ,o ?kVVh vkfn lkeku gkr gA

tutkfr;k dk vkfFkd thou ikdfrd ifjfLFkfr;k ij fuHkj djrk gA ; ykx ou ,o Hkfe l tk feyrk g mlh e viuk xtkjk dj yr gA ou link d u'V gk tku l bUg oukit dh ikflr de gku yxh gA vf/kdk"k ifjokj Hkfeghu g ,o etnjh djr gA ; ykx f"kdkj dju e if"kf{kr gkr g vkj f"kdkj d fy; /ku'k ck.k dk mi;kx djr gA f"kdkj ij "kklu }kjk ifrc/k yxk fn; tku l bue f"kdkj dh iofr de gb gA

tutkfr lenk; vud dke cgr d"kyrk d lkFk djr gA ; ykx pkjikb] efp;k] xku ctku d midj.k] [krh d vktkj] ckl dh Vkdfj;k] f"kdkj d Qn] ikjifjd vL=&"kL=] xgu vkfn cukr gA fiNy vud o'kk e bu ph tk d foØ; d volj Hkh lyHk g, gA ¼uk;M] 1997½

tutkfr ykxk d vkfFkd thou dk ie[k vk/kkj df'k cu x;h gA dN ifjokjk dk ou vf/kdkj vf/kfu;e d vrxr Hkfe Hkh ikIr gb gA ftl ij ; LFkk;h df'k dju yx gA i"kikyu Hkh tutkfr lekt e vkthfodk dk lk/ku cu x;k gA

lnHk%

vVy] ;kx"k ,o ;rhUnflg fllkfn;k ¼2011½] *^^vkfnoklh Hkkjr^^* jkor ifCyd"kUl] t;ijA

frokjh] jkd"k dekj ¼1990½ *^^vkfnoklh lekt e vkfFkd ifjoru^^* uknu cd lUVj] ub fnYyhA

f=onh] e/klnu ¼1996½ *^^vkfnoklh fodkl ;k tuk,^^* f"kok ifCy"kl fMLVhC;Vl] mn;ijA

"kkfMY;] eg"kpn ¼2006½ *^^Hkhly^^* link likind Mk- dfiy frokjh vkfnoklh ykd dyk vdkneh] Hkkikly A

jkBkM vt; flg ¼1994½ *^^Hkhly tutkfr f"k{kk vkj vk/kfudhdj.k^^* ip"khy idk"ku t;ijA

oek] ,e-,y- ¼1992½ *^^Hkhlyk dh lkekftd 0;oLFkk^^* Dykfldy ifCyf"kx dEiuh] ub fnYyhA

uk;M] ih-vkj- ¼1997½ *^^Hkkjr d vkfnoklh fodkl dh leL;k,^^* jk/kk ifCyd"kUl] ub fnYyhA