ifjf’k”V

ifjf’k”Bksa dh lwph

ifjf'k"V & 1

mÙkj izns'k ljdkj
ou vuqHkkx & 3
la[;k & 1021@14&3&14@90
y[kuÅ % fnukad & 23 ebZ 1990

vf/klwpuk

pwafd jkT; ljdkj le>rh gS fd uhps nh x;h vuqlwph esa lfoLrkj of.kZr {ks= oU; thoksa vkSj mlds i;kZoj.k ds laj{k.k] lEo/kZu vkSj fodkl ds iz;kstu gsrq i;kZIr ikfjokfjd izkf.ktkr] ouLirh;] Hkw&vkd`frRo] izkd`frd vkSj izk.khrRoh; egRo dk gS]

vr,o] vc oU; tho ¼laj{k.k½ vf/kfu;e] 1972 vf/kfu;e la[;k 53 lu~ 1972 dh /kkjk 18 ds v/khu 'kfDr dk iz;ksx dj jkT;iky mDr {ks= dks vH;kj.; ds #i esa ?kksf"kr djrs gS] ftldk uke ** ikoZrh vjxk i{kh fogkj ** ftyk xks.Mk gksxkA

vuqlwph

{ks= ikoZrh vjxk i{kh fogkj dh lhek;sa

¼v½ ikoZrh >hy dh lhek;sa

mRrj& ikoZrh >hy ls feyrh gqbZ jktLo xzke othjxat iwjs nkgw vkSj dksBk dh nf{k.k ckgjh lhekA

nf{k.k& ikoZrh >hy ls feyrh gqbZ jktLo xzke gfjgjiqj] lksHkkxiqj vkSj ijlkiqj dh mRrjh ckgjh lhekA

iwoZ& ikoZrh >khy ls feyrh gqbZ jktLo xzke cgknqjk vkSj ikoZrh dh if'peh ckgjh lhekA

if'pe& jktLo xzke pankiqj dh mRrjh iwohZ ,oa nf{k.k lhek rFkk othjxat ls ÁkjEHk gksus okyh ih0 MCY;w0 Mh0 jksMA

¼c½ vjxk >hy dh lhek;sa

mÙkj& vjxk >hy ls feyrh gqbZ jktLo xzke frjofM;k vkSj y{e.kiqj dh nf{k.k ckgjh lhekA

nf{k.k& vjxk >hy ls feyrh gqbZ jktLo xzke cgknqjk dh mRrjh ckgjh lhekA

iwoZ& vjxk >hy ls feyrh gqbZ jktLo xzke xkSfj;k vkSj e/kokiqj dh if'peh ckgjh lhek A

if'pe& vjxk >hy ls feyrh gqbZ jktLo xzke dksBk dh iwohZ ckgjh lhek;saA

ikoZrh vkSj vjxk i{kh fogkj dk dqy {ks=Qy

1&	ikoZrh >hy dk {ks=Qy	640-00 gs0
2&	vjxk >hy dk {ks=Qy	320-00 gs0
3&	vjxk >hy i{kh fogkj ds v/khu yh x;h jktLo Hkwfe	124-47 gs0
	dqy {ks=Qy	**1084-47 gs0**

vkKk ls]
¼th0 x.ks'k½

lfpo

la[;k% 1021¼1½@14&3&90 fnukafdrA

izfrfyfi fuEufyf[kr dks lwpukFkZ ,oa vko’;d dk;Zokgh gsrq izsf”kr &

1& izeq[k ou laj{kd ,oa leLr eq[; ou laj{kd] m0 iz0A
2& eq[; oU; tho izfrikyd] m0 iz0A
3& vk;qDr] QStkckn e.My] QStkcknA
4& {ks=h; funs’kd] lj;w {ks=] lk0ok0{ks0] QStkcknA
5& ftykf/kdkjh] xks.MkA
6& izHkkxh; oukf/kdkjh] **mÙkj**h@nf{k.kh izHkkx] xks.MkA
7& fo/kk;h vuqHkkx& 1

vkKk ls]
¼ xksih eksgu JhokLro ½
fo’ks”k lfpo

ifjf’k”V & 2

ikoZrh vjxk Ik{kh fogkj rjcxat rglhy tuin xks.Mk ds vUrxZr othjxat ds fudV ikoZrh rFkk vjxk nks vyx vyx >hyksa dks feykdj i{kh fogkj ?kksf”kr gqvk gSA ;s nksuks xks[kqj >hysa gSA ;s vkdkj esa dkQh cMh gS rFkk buesa o”kZ i;ZUr i;kZIr ikuh jgrk gSA bu >hyksa dk fo’ks”k vkd”kZ.k jkT; i{kh lkjl gSA Hkkjrh; iudkSvk ¼bfUM;u 'kSx½] iuMqCch ¼MkVZj½] flygh ¼fOglfyax Vhy½] fVuiqj ¼CySd foaXM fLVYV½] pepk ¼Liwufcy½] dkyk flj cktk ¼CySd gsMsM vkbfol½] tyihih ¼CySd foaXM tdkuk½] figks ¼ihalV Vsy tdkuk½] [khek ¼iiZy ewjgsu½] [kqyh pksap tkaf?ky ¼,f'k;u vksisu fcy½ vkfn eq[; #i ls LFkkuh; i{kh Hkh cgqrk;kr ls miyC/k gSA

tkM+s ds _rq ¼uoEcj ls Qjojh½ esa /kkjhnkj lou ¼ckj gsMsM xwt½] Hkwjk lou ¼xzsysxxwt½] Vsdjh ¼dkeudwV½] lhadij ¼fiuVsy½] Mck: ¼V¶V ikspZM½] NksVk ykylj ¼dkeu ikspMZ½] ykylj ¼jsM ØsLVsM ikspMZ½] lq[kkZc ¼:Mh 'ksy Md½] uhylj ¼esykMZ½] frnkjh ¼'kkcyj½] cs[kqj ¼xSMoky½] iVkjh ¼dkeu Vhy½ vkfn izoklh if{k;ka vkrh gSaA

vjxk >hy cM+h gh je.khd gS] bldks i;ZVd LFky ds #i esa fodflr djus dh vko’;drk gSA

i{kh fogkj ls yxHkx 1-5 fd0eh0 dh nwjh ij fVdjh dk l?ku vkjf{kr ou {ks= gSA

ifjf'k"V & 3

tuin xks.Mk dh vkSlr o"kkZ ¼fe0eh0½ dh lkj.kh

ekg	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Tkuojh	11-71	&	&	6-13	&	&	1-40	&	&	&
Qjojh	&	&	&	&	&	&	&	3-33	&	17-05
ekpZ	&	&	&	&	&	&	&	2-40	9-17	15-03
vçsy	11-80	&	7-00	&	&	&	4-66	&	&	21-16
ebZ	21-8	9-07	9-10	8-18	54-00	&	24-06	&	36-22	87-27
Tkwu	30-30	49-70	251-63	187-81	40-14	121-79	198-04	95-90	245-23	121-85
tqykbZ	335-83	202-76	277-76	163-19	123-29	227-12	287-08	349-06	204-60	411-11
vxLr	409-87	368-64	223-46	154-49	91-91	285-83	137-96	512-03	111-63	259-53
flrEcj	153-40	114-77	241-61	158-50	&	287-47	109-37	186-18	26-23	109-50
vDYwcj	11-31	91-01	&	127-71	&	&	42-25	46-00	&	22-46
uoEcj	12-60	&	&	&	&	&	&	&	&	&
fnlEcj	&	1-30	&	&	7-10	&	&	&	2-33	&

lzksr & dk;kZy; ftykf/kdkjh] xks.Mk

ifjf'k"V & 4
tuin xks.Mk dk vkSlr rkieku ¼ls0½

1	2	3	4	5	6	7	8	9	10	11	12	13
Rkieku dk çdkj	**o"kZ ds rkieku ¼lsfYl;l½**											
	1997	**1998**	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2005**	**2006**	**2007**	**2008**
vf/kdre	45-6	44-6	43-8	43-5	43-6	44-1	45-0	43-0	43-7	45-2	44-2	&

lzksr & dk;kZy; ekSle foHkkx] mRrj izns'k] y[kuÅA

ifjf'k"V & 5

ikoZrh vjxk i{kh fogkj xks.Mk ¼lajf{kr {ks=½ ds vklikl lkekU;r% ik;s tkus okys Lru/kkjh oU; thokasa dh lwph

oxZ	LFkkuh; uke	vaxzsth uke	oSKkfud uke
eSesfy;k Lru/kkjh	ou foyko	The jungle cat	*Felis Chaus*
eSesfy;k Lru/kkjh	usoyk	Common Indian mangoose	*Herpestes edwardisii*
eSesfy;k Lru/kkjh	usoyk	Small Indian mangoose	*Herpestes auropunctatus*
eSesfy;k Lru/kkjh	xhnM+] fl;kj	The Jackal	*Canis aureus*
eSesfy;k Lru/kkjh	HksfM+;k	The wolf	*Lanis Lupus callipes*
eSesfy;k Lru/kkjh	ykseM+h	The Indian Fox	*Vulpes bengalensis*
eSesfy;k Lru/kkjh	fcTtw	The honey badger	*Millivora capensis*
eSesfy;k Lru/kkjh	fxygjh	Squirrel	*Funambulus pennanti*
eSesfy;k	pwgk	The common house rat	*Rattus rattus*

Lru/kkjh			
eSesfy;k Lru/kkjh	ewl	The Indian field mouse	*Mus bookuga*
eSesfy;k Lru/kkjh	lsgh	Indian Porcupine	*Hystrix indica*
eSesfy;k Lru/kkjh	[kjxks'k	Common hare	*Lapus nigricollis*
eSesfy;k Lru/kkjh	uhyxk;	The blue bull	*Boselaphus tragocamelus*
eSesfy;k Lru/kkjh	taxyh lqvj	Wild Pig	*Sus scrofa*
eSesfy;k Lru/kkjh	phry	The Spotted deer	*Axis axis*
eSesfy;k Lru/kkjh	lkekU; yaxwj	Langur	*Presbytis entellus*
eSesfy;k Lru/kkjh	yky eqag cUnj	Rhesus monkey	*Macaca mulatta*

ifjf'k"V & 6

,oht & i{kh oxZ

lajf{kr {ks= esa rFkk vklikl lkekUr;k% ik;s tkus okys i{kh

oxZ	LFkkuh; uke	vaxzsth uke	oSKkfud uke
Phalacro coracidae	iu MqCch	The Indian darter	*Anhinga melanogaster*
Podicipedidae	MqcMqch	Little grebe	*Tachybaptus ruficollis*
Phalacro coracidae	uhydaB	Indian roller	*Coracias benghalensis*
Phalacro coracidae	fdyfdyk	The white brosted kingfisher	*Halcyon smyrnensis*
Phalacro coracidae	NksVk ty dkSvk	Little cormorant	*Phalacrocorax fuscicollis*
Phalacro coracidae	ns'kh ty dkSvk	Indian cormorant	*Phalacrocorax fuscicollis*
Phalacro coracidae	cM+k ty dkSvk	Great cormorant	*Phalacrocorax fuscicollis*
Anatidae	udVk	Comb duck	*Sarkidiornis melanotos*
Anatidae	lqj[kkc] pdok	Ruddy shelduck	*Tadorna ferruginea*
Anatidae	NksVh eqxkZch	Common teal	*Anas crecea*

Anatidae	lhad ij	Northen Pintail	*Anas acuta*
Anatidae	ukfne@xqxjy	The spot bill duck	*Anas poecilorhyncha*
Gruidae	Hkkjrh; lkjl	Indian sarus crain	*Grus antigone*
Gruidae	djdjk lkjl	Demoiselle crane	*Grus virgo*
Rallidae	Bsdjh] dkyh eqxkZch	The common coot	*Fulica atra*
Ardeidae	xk; cxqyk	The cattle egret	*Bubulens ibis*
Ciconiidae	jaxhu tkaf?ky	Painted stork	*Mycteria leucocephala*
Ciconiidae	'osr xzho tkaf?ky	White necked stork	*Ciconia episcopus*
Ciconiidae	[kqyh pksap tkaf?ky	Asian open bill	*Anastomus oscitans*
Ciconiidae	d`".k xzhu tkaf?ky	Black necked stork	*Ephippiorhynchus asiaticus*
Corvidae	dkSvk	The house crow	*Corvus splendens*
Anatidae	ykylj	The red-crested pochard	*Rhodonessa rufina*
Phasianidae	Hkwjk frrj	Grey Francolin	*Francolinus pondicerianus*
Phasianidae	eksj	Indian Peafowl	*Pavo cristatus*
Rallidae	tyeqxhZ	Common moorhen	*Gallinula chloropus*
Charadriidae	fVVgjh	Red wattled lapwing	*Vanellus indicus*
Psittacidae	nqb;k rksrk	Plum Headed	*Psittacula*

		Parakeet	*cyanocephala*
Cuculidae	dks;y	Asian Koel	*Eudynamys scolopacea*
Stringidae	/kCcsnkj mYyw	Spotted owlet	*Anthene brama*
Alcedinidae	lkekU; fdyfdyk	Common king fisher	*Alcedo atthis*
Alcedinidae	fpRrhnkj fdyfdyk	Pied Kingfisher	*Ceryle rudis*
Bucerotidae	/kus'k	Grey horn bill	*Tockus birostris*
Picidae	Hkwjk dBQksM+ok	Brown woodpeckers	*Micropternus brachyurus*
Picidae	/kkjhnkj dBQksM+ok	Scaly bellied wood peckers	*Picus squamatus*
Dicruridae	dkyk Hkqtax	North Indian Black Dango	*Dicrurus adsimilis*
Columbidae	gfj;y	Green pigeon	*Treran phoenicoptera*
Clumbidae	uhyk dcwrj	Rock pigeon	*Columba livia*
Clumbidae	fpRrhnkj Qk[rk	Spotted dove	*Streptopelia chinensis*

ifjf'k"V & 7

ikoZrh vjxk i{kh fogkj esa lkekUr;k% ik;s tkus okys mHk;pj ¼,EQhfc;u½ dh lwph

oxZ	LFkkuh; uke	vaxzsth uke	oSKkfud uke
,EQhfc;k	VksM+	Toad	*Bufo melano stictus*
,EQhfc;k	es<+d	Frog	*Rana tigrina*

ifjf'k"V & 8

ljhl`i ¼jsIVhfy;k½

oxZ	LFkkuh; uke	vaxzsth uke
eSdksfuMh	fNidyh @ fNijk	dkeu gkml xzsdks
eSdksfuMh	ceuh	fLdad
,xkfeMh	fxjfxV	dkeu xkMZu fytZM
okjkfuMks	xksg	yktZ yS.M ekuhVj fytMZ
okjkfuMks	dNqvk	VVZy
dksyfczMh	ukx	LisDVSdSYM dkscjk
bySfiuh	djSr	dkeu ØsV
bySfiuh	/kkeu	bf.M;u jSV LuSd
bySfiuh	vtxj	bf.M;u jkd ikbFku
bySfiuh	nks eqWgh	jsM lSaM cksvk
bySfiuh	ifUg;k	psdMZ dhy cSd
bySfiuh	ifUg;k	LVªkbZOM dhy cSd
bySfiuh	ifUg;k	xzhu dhy cSd
okjkfuMks	dVgok dNqvk	lk¶V 'ksy VVZy
okjkfuMks	pjifg;k dNqvk	ihdkd lk¶V 'ksy VVZy
okjkfuMks	lqUnjh dNqvk	¶ySi 'ksy VVZy
okjkfuMks	ipsM+k dNqvk	bfUM;u :Q VVZy

ifjf'k"V & 9

lajf{kr {ks= esa lkekUr;k% ik;h tkus okyh eNfy;ksa dh iztkfr

LFkkuh; uke	oSKkfud uke
dVpjok	iufV;l LVhxek
dVyk	dSfVy dSVyk
djkasp] dyoSlh	ySosu dSyow
dksVªh	iufV;l fyDVks
x#vk] oqpok	lsMsVksfjil x#vk
xqxaokjh	dSyhDyksjl ckbekdqysVl
xq#yk] eduh	jksgVksa dksfV;ks
Vsaxjk	ekblVl vkslfjvks gSxjl
fVuxjgk	yklVl lhu?kkyk
uSu	flgfu;k e`fxyk
iVjk	uksVksisVjl uksVksisVjl
ijgu] oksekjh	okYxks vVw
xkaxqj	Xysfj;l eaxwj
fxyhyqvk	jlokjks Msuhdksfu;l
eksg] phrqy	eksVksisVjl phryk
jS;k] jsfr;k	fljfgek Vhok
jksgw	dSfo;ksa jksfgrk
lkfyn] flyan	flyqfM;k xaxSfVdk
flaxgh	gsVªksQSufVl Qksflyk
lqbok] Qqfy;k	xSMqfl;k pijk
lkSy] lkSj	pUuk LVSªVl

ifjf’k”V & 10

ikoZrh vjxk i{kh fogkj {ks= esa lekU;r;k% ik;s tkus okys vd’ks#dh ¼buoVhZozsV½ izk.kh

la?k	tho oSKkfud uke	LFkkuh; uke	vkfFkZd egRo
izksVkstksvk	dksyfifM;l iztkfr		eNfy;kas vkSj thoksa dk vkgkj
**	;wXysuk iztkfr		eNfy;kas vkSj thoksa dk vkgkj
**	iSjkfefl;e iztkfr		eNfy;kas vkSj thoksa dk vkgkj
**	okfVZlsYyk iztkfr		eNfy;kas vkSj thoksa dk vkgkj
jksVhQSjk	,suqfj;k iztkfr		eNfy;kas vkSj thoksa dk vkgkj
**	fQfyfu;k iztkfr		eNfy;kas vkSj thoksa dk vkgkj
**	jksfVQj UkI;qful		eNfy;kas vkSj thoksa

	iztkfr		dk vkgkj
fuesVksMk	jSOMksysbel iztkfr		
,suhfyMk	fg#Msusfj;k iztkfr	tksad	
**	QsjsfVek iztkfr	dspqvk	d`f"k ds fy, egRoiw.kZ
**	V;wfoQSDl iztkfr		
vkFkksZiksMk	lkbDyksll iztkfr		
**	lkbfizl iztkfr		
**	MSYQfu;k iztkr		
**	Mªksxu QykbZt		
**	eSØksozku fd;eySejh	>haxk	[kk| lkexzh ds #i esa iz;qDr
**	usik jksoLVl	fcPNw	
**	dSUljk iztkfr	dsdM+k	Hkkstu lkexzh ds #i esa dqN O;fDr;ksa }kjk iz;qDr
eksykLdk	,suksMksUVk		
**	xkb#Yl iztkfr		
**	fgfyDl		
**	ykbefu;k		
**	esysukbM~l		
**	lySuksjfol		
**	ikbyk	?kks?kk	[kk| lkexzh ds #i esa iz;qDr
**	fofoisjk osxfyfUll		
**	fofoisjk Øslk		
**	lhfi;k iztkfr	lhi	

ifjf’k”V & 11

lajf{kr {ks= dk vf/kdka’k Hkkx tyeXu {ks= gS] blesa dksbZ ekuo vkcknh ugh gSA

ifjf’k”V & 12

ikoZrh vjxk i{kh fogkj lajf{kr {ks= ds ckgj cQj tksu esa iM+us okys xzkeksa dh lwph o vU; lwpuk,

Ø0 la0	xzke dk uke			dqy tula[;k	ikyrw i’kqvks dk fooj.k						dqy i’kq la0	d`f”k {ks= ,dM+ esa	d`f”k dh eq[; Qlysa	tyh; ouLifr	vU; fooj.k
	0&1 fdeh	1&5 fdeh	5&10 fdeh		xk;	cSy	HkSal	cdjh	HksM+	xngk					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	dksBk	& &	& &	3886	184	62	152	102	25	&	525	348	xsagw]	dey	
2	xkSfj;k	& &	& &	2000	15	8	25	15	&	&	63	75	/kku]	dqeqnuh]	
3	y{euiqj	& &	& &	1000	10	10	25	50	&	&	95	33	eDdk]	frUuk]	
4	e/kokiqj	& &	& &	1500	20	12	28	25	&	&	85	30	xUuk]	tydqEHkh]	
5	fr[kfM+;k	& &	& &	650	14	4	10	25	&	&	54	104	vjgj o	lsokj]	
6	cgknqjk	& &	& &	3532	30	14	48	35	&	&	127	31	vU;	xksn]	
7	ikoZrh	& &	& &	997	32	4	24	22	25	&	107	19	nyguh	ujdqy]	
8	ijlkiqj	& &	& &	1988	52	20	62	62	10	&	206	20	Qlysa	fpyfcy	
9	'kksHkkiqj	& &	& &	10032	18	8	20	12	&	&	58	30	dS’k	vkfn	
10	pUnkiqj	& &	& &	2928	204	102	255	175	12	&	748	327	Øki		
11	gfjgjiqj	& &	& &	936	25	10	52	32	&	&	119	54	rEckdw		
12	lqHkkxiqj	& &	& &	2200	15	10	45	28	&	&	98	25	eq[; gS		
13	& &	pUngk	& &	2500	35	20	60	26	&	&	151	52			
14	& &	ca/kok	& &	2600	22	18	42	36	&	&	108	39			
15	& &	vtcuxj	& &	2850	24	14	44	31	&	&	113	35			
16	& &	fVdjh	& &	2250	18	10	47	17	&	&	92	34			
17	& &	yksgkjMk<+	& &	2786	10	14	26	5	&	&	55	41			

18	& &	nkSyriqj	& &	3214	22	4	28	14	&	&	68	30			
19	& &	nsohuxj	& &	1269	26	6	32	8	&	&	72	14			
20	& &	fd'kqunkliqj	& &	970	18	8	29	10	&	&	65	18			

Ø0 la0	xzke dk uke			dqy tula[;k	ikyrw i’kqvks dk fooj.k						dqy i’kq la0	d`f”k {ks= ,dM+ esa	d`f”k dh eq[; Qlysa	tyh; ouLifr	vU; fooj.k
	0&1 fdeh	1&5 fdeh	5&10 fdeh		xk;	cSy	HkSal	cdjh	HksM+	xngk					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
21	& &	dksYgeiqj	& &	970	16	10	24	18	& &	& &	68	27	xsagw] /kku] eDdk] xUuk] vjgj o vU; nyguh Qlysa dS’k Øki rEckdw eq[; gS	dey dqeqnuh] frUuk] tydqEHkh] lsokj] xksn] ujdqy] fpyfcy vkfn	
22	& &	cStyiqj	& &	1880	24	6	28	10	& &	& &	68	16			
23	& &	dksYgeiqj	& &	1220	12	4	14	35	& &	& &	65	15			
24	& &	poelwy	& &	857	15	6	19	28	& &	& &	68	16			
25	& &	pkScsiqj	& &	1278	22	4	28	27	& &	& &	81	20			
26	& &	gfjoa'kiqj	& &	1682	16	8	24	36	& &	& &	84	20			
27	& &	tVeyiqj	& &	680	8	&	32	28	& &	& &	68	12			
28	& &	guqekuuxj	& &	280	12	4	16	15	& &	& &	47	26			
29	& &	nqtZuiqj	& &	1586	16	18	22	8	& &	& &	64	9			
30	& &	dkek	& &	599	4	8	26	22	& &	& &	60	13			
31	& &	ujsUnziqj	& &	980	8	4	16	6	& &	& &	34	17			
32	& &	lqtkZiqj	& &	1236	17	6	24	16	& &	& &	63	14			
33	& &	Hkukok	& &	1137	28	18	21	8	& &	& &	75	13			
34	& &	lksfr;k	& &	1182	14	8	24	4	& &	& &	50	35			
35	& &	euiqj	& &	1936	16	2	28	26	& &	& &	72	35			
36	& &	cYykiqjh'keh	& &	647	10	6	15	&	& &	& &	31	31			

37	& &	'kkgiqj	& &	1234	24	&	21	24	& &	& &	69	106			
38	& &	,dVaxk	& &	448	4	6	12	2	& &	& &	24	73			
39	& &	ujk;uiqj	& &	804	22	8	28	18	& &	& &	76	35			
40	& &	jkekiqj	& &	2841	18	21	26	19	& &	& &	84	37			

Ø0 la0	xzke dk uke			dqy tula[;k	ikyrw i'kqvks dk fooj.k						dqy i'kq la0	d`f"k {ks= ,dM+ esa	d`f"k dh eq[; Qlysa	tyh; ouLifr	vU; fooj.k
	0&1 fdeh	1&5 fdeh	5&10 fdeh		xk;	cSy	HkSal	cdjh	HksM+	xngk					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
41	& &	[kseiqj	& &	502	9	6	17	4	& &	& &	36	30	xsagw]	dey	
42	& &	pM+kSok	& &	3032	48	26	98	32	& &	& &	204	16	/kku]	dqeqnuh]	
43	& &	djnk	& &	2800	19	8	46	36	& &	& &	109	72	eDdk]	frUuk]	
44	& &	iwjsMk<q	& &	3637	40	10	52	10	& &	& &	112	100	xUuk]	tydqEHkh]	
45	& &	djuhiqj	& &	2628	18	8	26	18	& &				vjgj o	lsokj]	
46	& &	othjxat	& &	6400	26	8	101	99	& &				vU;	xksn]	
47	& &	x<+h	& &	2837	18	12	32	4	& &				nyguh	ujdqy]	
48	& &	uokcxatfxnZ	& &	4000	38	20	54	50	52				Qlysa	fpyfcy	
49	& &	f[kljk	& &	3029	28	8	29	102					dS'k	vkfn	
50	& &	dksMj	& &	812	12	6	22	18					Øki		
51	& &	gtjriqj	& &	754	25	6	32	40					rEckdw		
52	& &	& &	ijlguk	3637	32	8	44	10					eq[; gS		

53	& &	& &	igyh	2154	28	6	52	4						
54	& &	& &	ljk;[kyh	3206	20	18	42	&						
55	& &	& &	n;kyiqj	572	13	4	28	18						
56	& &	& &	vdcjiqj	1836	26	10	36	16						
57	& &	& &	tksxkiqj	502	23	4	16	10						
58	& &	& &	'kEHkwuxj	878	8	2	19	4						
59	& &	& &	gjnok	993	15	10	28	8						
60	& &	& &	djkSanhk	928	24	8	29	12						

ifjf'k"V & 13

lajf{kr {ks= tyeXu {ks= gS] blesa dksbZ vkcknh ugh gSA i{kh fogkj lhek ls yxs gq;s rFkk lhek ls 10 fdeh0 rd ds xzkeksa@dLcksa esa fuokfl;ks] ftuds ikl vkXus'kkL= gS] dh lwph fuEuor~ gS

xzke dk uke	vkXus'kkL= ykblsUl/kkjh dk uke @ firk dk uke	vkXus'kkL= dk fooj.k
dksBk	pUnziky flag iq= ,p0 Mh0 flag	Mh0ch0ch0,y0
dksBk iwjs [kqjngk	jktoyh iq= f=Hkqou flag	Mh0ch0ch0,y0
dksBk	?khlk flag iq= loZthr falg	Mh0ch0ch0,y0
dksBk	Kku pUnz flag iq= Mh0 ,u0 flag	Mh0ch0ch0,y0
dksBk	jk?kosUnz flag iq= vkj0 ,p0 flag	Mh0ch0ch0,y0
dksBk	bZ'oj pUnz flag iq= ,0 vkj0 flag	,l0ch0ch0,y0
dksBk	mn;jkt flag iq= tSljkt flag	,l0ch0ch0,y0
dksBk	pUnzs'k flag iq= ,l0 ih0 flag	Mh0ch0ch0,y0
dksBk	fouksn dqekj flag iq= jke flag	,l0ch0 jk;Qy
dksBk	fouksn dqekj flag iq= jke flag	fjokYoj
dksBk	izeksn dqekj flag iq= jke flag	,l0ch0 jk;QYk
dksBk	jke dqekj flag iq= ';ke fcgkjh flag	,l0ch0ch0,y0
eksguiqj	ykyrk izlkn iq= jke y[ku	Mh0ch0ch0,y0
eksguiqj	?ku';ke 'kqDyk iq= ;y0 izlkn	Mh0ch0ch0,y0

eksguiqj	ykV cD’k flag iq= ts0 oh0 flag	Mh0ch0ch0,y0
eksguiqj	jke cgknqj flag iq= oh0 flag	,l0ch0ch0,y0

xzke dk uke	**vkXus’kkL= ykblsUl/kkjh dk uke @ firk dk uke**	**vkXus’kkL= dk fooj.k**
xkSfj;k	jke ukSeh iq= fxU/kwjs	,l0ch0ch0,y0
y{euiqj	Nsyh yky iq= >Eeu ;kno	,l0ch0ch0,y0
e/kokiqj	v[ky ujk;u flag iq= jke vorkj flag	Mh0ch0ch0,y0
e/kokiqj	jkeyyd flag iq= jke izlkn flag	vkVks fiLVy
pUngk	ykV cD’k flag iq= ,l0 ch0 flag	,l0ch0ch0,y0
pUngk	c`t eksgu flag iq= HkHkwfr flag	Mh0ch0ch0,y0
pUngk	jke cD’k flag iq= ,l0 ch0 flag	,l0ch0ch0,y0
pUngk	tXxh yky iq= cq/kbZ	,l0ch0ch0,y0
pUngk	xkSjh’kadj iq= txnso flag	,l0ch0ch0,y0
pUngk	jkecD’k flag iq= ts0 ih0 flag	,l0ch0ch0,y0
pUngk	jkekuUn gfjtu iq= lksebZ	,l0ch0ch0,y0
pUngk	nw/kukFk ;kno iq= uudÅ ;kno	& & & & &
ca/kok	tQj vyh iq= ykV gkth eks0 jQhd	Mh0ch0ch0,y0
cgknqjk	egknso flag iq= tx cgknqj flag	Mh0ch0ch0,y0
cgknqjk	uk;d eq0 ‘kQh [kka iq= ghjk	,l0ch0ch0,y0

	[kka	
cgknqjk	jke izlkn iq= dqat fcgkjh	,l0ch0ch0,y0
cgknqjk	‘khryk izlkn iq= f’ko jru	Mh0ch0ch0,y0
cgknqjk	jke ujk;u iq= HkkbZ ykyk	Mh0ch0ch0,y0
cgknqjk	vo/k ujs’k flag iq= x;k izlkn flag	,l0ch0ch0,y0
cgknqjk	egknso flag iq= tx cgknqj flag	Mh0ch0ch0,y0

xzke dk uke	**vkXus’kkL= ykblsUl/kkjh dk uke @ firk dk uke**	**vkXus’kkL= dk fooj.k**
cgknqjk	gfjuke flag iq= jes’k flag	,l0ch0ch0,y0
cgknqjk	v’kksd izrki flag iq= fot; dqekj flag	,l0ch0 jk;Qy
vtouxj	ea’kkjke iq= jke lksgjr	Mh0ch0ch0,y0
fVdjh lqnkekiqj	ns’kjkt flag iq= gjnso flag	Mh0ch0ch0,y0
fVdjh lqnkekiqj	jktsUnz cgknqj flag iq= f’ko ‘kadj flag	,l0ch0ch0,y0
fVdjh lqnkekiqj	d`”.k cgknqj flag iq= th0 ih0 falg	,l0ch0ch0,y0
fVdjh lqnkekiqj	vkse izdk’k iq= vkj0 ih0 flag	,l0 ch0 jk;Qy

fVdjh lqnkekiqj	vHkjke flag iq= vkj0 ts0 flag	,l0ch0ch0,y0
yksg	jke ft;kou iq= oh0 flag	Mh0ch0ch0,y0
yksg	jkt dqekj ekS;Z iq= vkj0 ,l0 ekS;Z	Mh0ch0ch0,y0
yksg	uUnfd'kksj iq= jkenhu	fjokYoj
yksg	nso izdk'k iq= lR;nso	Mh0ch0ch0,y0
yksg	lrh'k pUnz Hkkjrh iq= vkj0 ,l0 Hkkjrh	Mh0ch0ch0,y0
yksg	euksgj yky iq= eksrh yky	,l0ch0ch0,y0
othjxat	jke lgk; Hkkjrh iq= ch0 ih0 Hkkjrh	vkVks fiLVy
othjxat	jke izlkn frokjh iq= jktnRr frokjh	,l0ch0ch0,y0
djnk	vyxw izlkn iq= >x# izlkn	Mh0ch0ch0,y0
djnk	djhe cD'k iq= [kqnk cD'k	Mh0ch0ch0,y0
djnk	fotkZ iq= vkSrkj	,l0ch0ch0,y0
djnk	cdjhnh iq= e;wj	,l0ch0ch0,y0
djnk	vEcjh'k iq= ?khlw	,l0ch0ch0,y0

xzke dk uke	**vkXus'kkL= ykblsUl/kkjh dk uke @ firk dk uke**	**vkXus'kkL= dk fooj.k**
djnk	lqjsUnz cgknqj iq= txeksgu flag	,l0ch0ch0,y0
djnk	lR; izdk'k flag iq= vkj0 ds0 flag	Mh0ch0ch0,y0

djnk	fnus’k izrki flag iq= th0 flag	Mh0ch0ch0,y0
djnk	jke dqekj flag iq= ,l0 vkj0 flag	,l0ch0ch0,y0
pUnkiqj	pUnzHkku flag iq= ch0 ,l0 f}osnh	,l0ch0ch0,y0
pUnkiqj	fojsUnz flag iq= ,l0 ch0 flag	Mh0ch0ch0,y0
pUnkiqj	xksdju nkl psyk cuokjh nkl	,l0ch0ch0,y0
pUnkiqj	lUryky flag iq= jke ujk;u flag	Mh0ch0ch0,y0
pUnkiqj	jktsUnz flag iq= ohjsUnz flag	,l0ch0 jk;Qy
pUnkiqj	bUnj flag iq= udNsn flag	,l0ch0ch0,y0
pUnkiqj	eqDrs’oj ‘kqDyk iq= ,e0 ‘kqDyk	,l0ch0ch0,y0
pM+kSok	xq# izlkn iq= xkSjh ‘kadj	Mh0ch0ch0,y0
pM+kSok	dslukFk ik.Ms; iq= vkbZ0 ih0 ik.Ms;	,l0ch0ch0,y0
nqtZuiqj	xQ~Qkj gqlSu iq= eqerkt gqlSu	Mh0ch0ch0,y0
nqtZuiqj	leq)hu iq= ,0 vyh	,l0ch0ch0,y0
nqtZuiqj	vejukFk frokjh iq= vkj0Mh0 frokjh	,l0ch0ch0,y0
okusiqj	/kzqojkt flag iq= jke ‘kj.k flag	,l0ch0ch0,y0
okusiqj	vo/kiky flag iq= vefjdk flag	,l0ch0ch0,y0
okusiqj	fot; izdk’k flag iq= ,0 ih0 flag	,l0ch0ch0,y0
okusiqj	f’ko dqekj flag iq= jke lju flag	,l0ch0ch0,y0

xzke dk uke	vkXus'kkL= ykblsUl/kkjh dk uke @ firk dk uke	vkXus'kkL= dk fooj.k
ijlkiqj	QSt eks0 iq= nhu eks0	,l0ch0ch0,y0
ynsguk xzUV	fNudku iq= N=iky	,l0ch0ch0,y0
djuhiqj	ujk;u nRr nwcs iq= jke leq>	Mh0ch0ch0,y0
djuhiqj	vt; dqekj JhokLro iq= ,e0 ih0 Jh0	,l0ch0ch0,y0
xn~nh	Hkxoku cD'k flag iq= ds0 flag	fjokYoj
xn~nh	jktsUnz flag iq= ts0 flag	Mh0ch0ch0,y0
dkik	jkethr flag iq= ts0 ds0 flag	,l0ch0ch0,y0
dkik	jekdkUr feJk iq= jke dqekj	Mh0ch0ch0,y0
dkik	jke v;ks/;k iq= jke dqekj	,l0ch0ch0,y0
cU/kok	loZJh tQj vyh]	Mh0ch0ch0,y0

	iq= Lo0 Jh eks0 jQhd	
gFksfy;k pUnkiqj	c`tuUnu frokjh] iq= Jh egknso izlkn frokjh	,l0ch0ch0,y0
uSiqfj;k cgknqjk	jke fuokl xqIrk iq= Lo0 Jh feJh yky	,l0ch0ch0,y0
djuk	fjtoku vgen iq= Jh vyhmYyk	Mh0ch0ch0,y0

othjxat	uUnfd'kksj iq= Jh jkenhu	,u0ih0 cksj jkbQy
iwjs [kqjngk	fot; cgknqj flag iq= Jh fcUnzk flag	ch0Mh0ch0,y0
iwjs [kqjngk	vkRe izdk'k flag] iq= Jh jke nso flag	,u0ih0 cksj jkbQy
dnjk	'ke'ksj iq= Jh jTtkd	,l0ch0ch0,y0
pUnkiqj	larks"k dqekj flag iq= Jh jk?kosUnz izrki flag	,u0ih0 cksj jkbQy
othjxat	uUnyky dkS'ky iq= Jh jke lgk; dkS'ky	,u0ih0 cksj jkbQy
othjxat	vjfoUn dqekj Hkkjrh iq= Jh d`".k nso Hkkjrh	,u0ih0 cksj jkbQy
othjxat	lqjs'k pUnz Hkkjrh iq= Jh jke lgk; Hkkjrh	,u0ih0 cksj fiLVy
oathjxat	Mk0 cztfd'kksj dkS'ky iq= Jh jkenhu dkS'ky	,u0ih0 cksj fiLVy
nqtZuiqj ?kkV	nsoef.k frokjh iq= Jh jke vfHkyk[k	,l0ch0ch0,y0
pUnkiqjuxjh	claryky flag iq= Jh jke ujk;u flag	,u0ih0 cksj jkbQy

othjxat	gjh'k dqekj Hkkjrh iq= Jh d`".k nso Hkkjrh	,u0ih0 cksj jkbQy
nqtZuiqj	izse izdk'k iq= Jh teknkj	Mh0ch0ch0,y0
othjxat	jkts'k dqekj dkS'ky iq= Jh jkenhu dkS'ky	,u0ih0 cksj jkbQy
othjxat	lq'khy dqekj Hkkjrh iq= Jh d`".k nso Hkkjrh	,u0ih0 cksj jkbQy
pUnkiqjuxjh	rkez/ot flag iq= Jh jke'kj.k flag	,l0ch0ch0,y0

pUnkiqj	dkS'kysUnz cD'k iky flag iq= Jh iqUuw flag	,l0ch0ch0,y0
othjxat	lrh'k pUnz Hkkjrh iq= Jh jke lgk; Hkkjrh	,u0ih0 cksj fiLVy
pUnkiqjiwjs lhj	Hkjr flag iq= Jh ifrjkt flag	,l0ch0ch0,y0
pUnkiqjuxjh	lkgcD'k flag iq= Jh ukScr flag	,l0ch0ch0,y0
iwjs[kqnZgk	j.kfot; flag iq= Jh i`Fohyky flag	,u0ih0 cksj fiLVy
pUnkiqjsiwjslhj	johUnz dqekj ik.Ms; iq= Jh jkegfj ik.Ms;	,l0ch0ch0,y0
pUnkiqj	lq/khj dqekj JhokLro iq= Jh ykyth JhokLro	Mh0ch0ch0,y0
nqtZuiqj?kkV	jktho dqekj ik.Ms; iq= Jh bUnziky ik.Ms;	Mh0ch0ch0,y0
othjxat	jRus'k pUnz Hkkjrh iq= Jh jkelgk; Hkkjrh	,u0ih0 cksj fiLVy

ijfl;k	fuokl ik.Ms iq= Jh lw;Zujk;u ik.Ms;	Mh0ch0ch0,y0
othjxat	:isUnz dqekj Hkkjrh iq= Jh lqjsUnz pUnz Hkkjrh	Mh0ch0ch0,y0
othjxat	_f"k dqekj Hkkjrh iq= Jh lqjs'k pUnz Hkkjrh	Mh0ch0ch0,y0 fjokYoj
pUnkiqj	fot; izrki flag iq= Jh txnh'k flag	,l0ch0ch0,y0
nqtZuiqj	'kjhQ glu iq= Jh ts0ch0 [kku	,l0ch0ch0,y0
othjxat	d`".k dqekj lksuh iq= Jh jekdkUr lksuh	,l0ch0ch0,y0
ckusiqj	vo/ks'k izrki flag iq= Jh jkelqUnj flag	,l0ch0ch0,y0] ,u0ih0 cksj jkbQy

ckusiqj	Daqoj cgknqj flag iq= Jh vo/kiky flag	,u0ch0 cksj jkbQy] ,u0ch0 cksj fiLVy
e/kokiqj	jes'k flag iq= Jh cnzh flag	Mh0ch0ch0,y0
nqtZuiqj?kkV	egs'k dqekj flag iq= Jh txUukFk flag	Mh0ch0ch0,y0] ,u0ih0 cksj jkbQy
e/kokiqj	oS".kksekrk cD'k flag iq= Jh d`".k cgknqj flag	,l0ch0ch0,y0
djnk	HkwisUnzcD'k flag iq= Jh lqjsUnz cD'k flag	,u0ch0 cksj fiLVy
othjxat	v'kh"k dqekj Hkkjrh iq= Jh lqjs'k pUnz Hkkjrh	,l0ch0ch0,y0 ,u0ih0 cksj fiLVy
pUnkiqjuxjh	'kSysUnz izrki flag	,l0ch0ch0,y0

	iq= Jh jktukFk flag	
pUnkiqjuxjh	d`".k flag iq= Jh lfPpnkuUn flag	,u0ih0 cksj jkbQy
othjxat	eq[rkj vgen iq= Jh cdjhnh	,l0ch0ch0,y0
othjxat	/kesZUnz dqekj Hkkjrh iq= Jh lqjs'k pUnz Hkkjrh	,u0ih0 cksj jkbQy] fjokYoj
pUnkiqj	fxfj'k dqekj 'kqDy iq= Jh ';ke/kj 'kqDy	,l0ch0ch0,y0
xkSfj;k	Nkaxqj iq= vyxw	Mh0ch0ch0,y0
pUnkiqj	eks0 ;wuql iq= Jh eks0 ;wlqQ	,u0ih0 cksj fiLVy
nqtZuiqj?kkV	larks"k dqekj iq= Jh 'kEHkw flag	,l0ch0ch0,y0
nqtZuiqj?kkV	jktu dqekj iq= Jh lqjs'k dqekj	,l0ch0ch0,y0
fVdjhiwjsoky	nso dqekj feJ iq= Jh jkec`{k feJ	,l0ch0ch0,y0

eksguiqj	j.kthr flag] iq= Jh i`Fohiky flag	,u0ih0 cksj jkbQy
pUnkiqjuxjh	jktho dqekj flag iq= Jh jkes'oj flag	,u0ih0 cksj fiLVy
pMkSok	guqeku izlkn frokjh iq= Jh lR;ujk;u frokjh	,l0ch0ch0,y0
nqtZuiqj?kkV	jDdw 'kqDyk iq= Jh lqjs'k dqekj	Mh0ch0ch0,y0
nqtZuiqj?kkV	d`".knso feJk	,u0ih0 cksj jkbQy

	iq= Jh y{ehnRr feJk	
nqtZuiqj	jktsUnz izrki feJk iq= Jh y{ehnRr feJk	,u0ih0 cksj jkbQy
fVdjh	vfHkjke flag iq= Jh jke ft;kou	,u0ih0 cksj fiLVy
pUnkiqj	csdk:yky ;kno iq= Jh ';keyky ;kno	,l0ch0ch0,y0
fVdjh	vfHkeU;q flag iq= Jh x;k izlkn flag	,l0ch0ch0,y0
e/kokiqjfVdjh	HkxokucD'k flag iq= Jh dUgS;kyky flag	,u0ih0 cksj jkbQy
eksguiqj	vkRe izdk'k flag iq= Jh fogky flag	,u0ih0 cksj fiLVy
e/kokiqj	jkts'k foØe flag iq= Jh fogku flag	,u0ih0 cksj jkbQy
nqtZuiqj?kkV	vkuUn dqekj xqIrk iq= Jh fd'kksjhyky xqIrk	Mh0ch0ch0,y0
vtcuxjiqj iqjebZiqj	eksrh iq= Jh jke yxu	,l0ch0ch0,y0
cgknqjk/kkscgk	eqjyh ;kno iq= Jh tax izlkn ;kno	Mh0ch0ch0,y0
eksguiqj	vthr dqekj flag iq= Jh lR; ujk;u flag	,l0ch0ch0,y0

cgknqj/kkscgk	f'ko ujk;u ;kno iq= Jh HkxkSrh izlkn ;kno	,l0ch0ch0,y0
othjxat	vfuy dqekj dkS'ky iq= Jh uUnyky	,u0ch0 cksj fiLVy
vtcuxj	guqeku izlkn ekS;Z	Mh0ch0ch0,y0

	iq= Jh feJhyky ekS;Z	
pUnkiqj	ikjlukFk ekS;Z iq= Jh jke;'k ekS;Z	Mh0ch0ch0,y0
xkSfj;k	jkeQsj xqtZj iq= Jh txUukFk xqtZj	,u0ih0 cksj fiLVy
pMkSok	fo".kq izrki flag iq= Jh jke iky flag	,l0ch0ch0,y0
eksguiqj	Hkh[kjke iq= Jh f?kjhÅ	,l0ch0ch0,y0
xkSfj;kj?kqjktuxj	o`tuUn flag iq= Jh yYyu flag	,u0ih0 cksj fiLVy
othjxat	vfer dqekj Hkkjrh iq= Jh lqjs'k pUnz Hkkjrh	,u0ih0 cksj fiLVy
xkSfj;k	jkelkxj xqtZj iq= Jh cnzh	,u0ih0 cksj fiLVy
othjxat	xhrk nsoh iRuh Jh ohjsUnz dqekj	Mh0ch0ch0,y0
othjxat	jkexksiky lksuh iq= Jh jekdkUr lksuh	,u0ih0 cksj jkbQy
yksgjkMk<+ dkekfVdjh	jkds'k feJk iq= Jh c`tfd'kksj feJk	,u0ih0 cksj fiLVy
eksguiqj	vt; dqekj flag iq= Jh pfUnzdk flag	,l0ch0ch0,y0
pM+kSok	jetku iq= Jh ln~nhd	,l0ch0ch0,y0
fVdjh	lhrkjke iq= Jh jkerst	,l0ch0ch0,y0

nqtZuiqj?kkV	lqjs'k dqekj 'kqdj iq= Jh vfEcdk izlkn 'kqDy	,u0ih0 cksj fjokYoj
pM+kSok	edcwy iq= Jh bnjh'k vgen	Mh0ch0ch0,y0
pUnkiqjuxjh	jRus'oj ik.Ms iq= Jh [kkdh izlkn ik.Ms;	,l0ch0ch0,y0
othjxat	cCyw lksuh iq= Jh jekdkUr lksuh	,u0ih0 cksj fiLVy
pUnkiqj	iou dqekj 'kqDy iq= Jh f'ko izlkn 'kqDy	,l0ch0ch0,y0
cgknqjk	fot; izrki flag iq= Jh jes'k flag	Mh0ch0ch0,y0

ifjf'k"V & 14

ikoZrh vjxk i{kh fogkj] xks.Mk ¼lajf{kr {ks=½ esa voS/k f'kdkj lEcU/kh lwpuk foxr ikWp o"kksZ dh

o"kZ	ou vijk/kksa dh la[;k	ou vijk/k dk izdkj
2003&04	fjDr	fjDr
2004&05	fjDr	fjDr
2005&06	fjDr	fjDr
2006&07	fjDr	fjDr
2007&08	fjDr	fjDr
2008&09	2 vnn	eNyh dk f'kdkj

mijksDr fooj.kkuqlkj lajf{kr {ks= esa eNyh dk voS/k f'kdkj gh eq[; oU; tho vijk/k ds #i esa ik;k x;kA

ifjf'k"V & 15

jsatksa dh lwph lsD'ku] lfdZy] chV rFkk muds eq[;ky; lfgr

jsat	lsD'ku	chV	eq[;ky;
1	2	3	4
ikoZrh vjxk Ik{kh fogkj jsat	& &	& &	vjxk dkyksuh xzke dksBk ¼fHkrjh½
	vjxk	vjxk	vjxk dkyksuh xzke dksBk ¼fHkrjh½
	ikoZrh	ikoZrh	vjxk dkyksuh xzke dksBk ¼fHkrjh½

ifjf'k"V & 16

Hkouks dh lwph

Hkou dk izdkj	la[;k	fLFkfr	vH;qfDr
Vkbi & 3 ¼jsat vf/kdkjh vkokl½	1	jkex<+ fVdjh jsat dEikmUM esa	1992&93 fufeZr
Vkbi & 1 ¼oU;tho j{kd pkSdh½	2	jkex<+ fVdjh jsat dEikmUM esa	1992&93 fufeZr

uksV& mijksDr vkokl jsat dk;Zky; ¼Hkhrjh xkWo½ ls yxHkx nl fd0eh0 dh nwjh ij gSA orZeku esa fVdjh jsat dk LVkQ jg jgk gSA >hy ls bruh nwjh ij vkokl gksuk mfpr ugh gSA >hy ds ikl vjxk esa ,d ou {ks=vf/kdkjh vkokl rFkk ikoZrh esa ,d QkjsLVj vkokl cuk;k tkuk vfuok;Z gSA

Hkouks dh lwph

Hkou ftudk gLrkUrj.k eRL; foHkkx ls ou foHkkx ¼oU; tho ifjj{k.k laxBu½ dks fd;k tkuk fopkjk/khu gSA			
Vkbi & 1	1	vjxk >hy ds fdukjsa fHkrjh ¼dksBk½ esa fLFkr	funs'kd eRL; mRiknu ¼m0iz0½ y[kuÅ ds i=akd 245@lk0'kk0 fnuakd 24-10-1998 }kjk la;qDr lfpo] m0 iz0 'kklu] eRL; mRiknu vuqHkkx] lfpoky; y[kuÅ dks gLrkUkkUrj.k ds fy, fy[kk x;kA mDr Hkouks esa ou foHkkx ds deZpkjh jgrs gSA dk;Zky; Hkou esa jsat dk;Zky; gSA
Vkbi & 2	1	vjxk >hy ds fdukjsa fHkrjh ¼dksBk½ esa fLFkr	
Vkbi & 1	4	vjxk >hy ds fdukjsa fHkrjh ¼dksBk½ esa fLFkr	
dk;kZy; rFkk LVksj	1	vjxk >hy ds fdukjsa fHkrjh ¼dksBk½ esa fLFkr	
12 Hkouksa dh ,d dkyksuh tks 6-8280 gs0 Hkwfe ij fLFkr gSA	12	ikoZrh >hy ds ikl ikoZrh xzke esa eudkiqj^& uokcxat ekxZ ds fdukjs fLFkr gSA	eRL; foHkkx ds dCts esa gS dksb mi;ksx ugh gks jgk gSA 6-8280 gs0 Hkwfe ds lkFk gLrkUrj.k gsrq izHkkxh; oU; lksgsyok o0th0iz0 cyjkeiqj }kjk funsld eRl m0iz0 y[kuÅdks fy[kk x;k gSA

			i=kad 4056@29&1fn-14-3-08

ifjf’k”V & 17

vfrØe.k

>hyksa dh iSekb'k dk dk;Z py jgk gSA vfrØe.k ugha gSA veynjken dh dk;Zokgh iw.kZ gks tkrh gSA oU; tho ¼laj{k.k½ vf/kfu;e 1972 dh /kkjk 18 ls 25 rd dh dk;Zokgh ds ckn ikoZrh vjxk i{kh fogkj ds uke dqy 693-819 gs0 Hkwfe gSA blh {ks= esa i{kh fogkj fLFkr gSA lhekadu dh dk;Zokgh py jgh gSA i{kh fogkj dh Hkwfe fuEu izdkj 8 xzkeksa esa fLFkr gSA

Ø0la0	xzke dk uke	{ks=Qy gs0 esa
1-	pUnkiqj	417-000
2-	cgknqjk	34-192
3-	gfjgjiqj	10-278
4-	xkSfj;k	20-801

5-	e/kokiqj	22-585
6-	fr[kfM+;k	24-581
7-	y{euiqj	5-022
8-	dksBk	159-360
	dqy {ks=Qy	**603-819**

xzke dksBk rFkk cgknqjk dk lhekadu dk;Z iw.kZ gks pqdk gSA lhek dks lhekLrEHk@lqj{kk[kkbZ ls lqjf{kr fd;k tk jgk gSA y{euiqj] xkSfj;k] fr[kfM+;k] e/kokiqj] gfjgjiqj rFkk pUnkiqj esa lhekadu dk;Z djk;k tk jgk gSA

ifjf'k"V & 18

lajf{kr {ks= rFkk cQj tksu esa iM+us okys rhFkZ LFkyksa dh lwph

lajf{kr {ks= ds vUnj dksbZ rhFkZLFky efUnj ugh gS ijUrq >hyksa ls lVs gq;s fuEu efUnj gS &

vjxk >hy ds fdukjs &

y{euiqj xkWo esa & guqeku th] 'kadj th dk efUnjA

o"kZ esa nks ckj esyk yxrk gSA

xkSfj;k xkWo esa & 'kadj th dk efUnj A

ikoZrh >hy ds fdukjs &

cgknqjk xzke & 'kadj th dk efUnj A

ikoZrh xzke & 'kadj th dk efUnj A

cgknqjk ¼ljdkjhiqjok½ & f'ko efUnj A

pUnkiqj & f'ko efUnj A

eq[; rhFkZ LFky v;ks/;k dh nwjh i{kh fogkj ls yxHkx 25 fdeh0 gSA

ifjf'k"V & 19

ikoZrh vjxk i{kh fogkj esa fn[kus okys if{k;ksa dh lwph

Sl.No.	Name	Scientific Name
1.	GREAT CRESTED GREBE	*Podiceps cristatus*
2.	LITTLE GREBE	*Tachybaptus ruficollis*
3.	GREAT WHITE PELICAN	*Pelecanus onocrotalus*
4.	INDIAN CORMORANT	*Phalacrocorax fuscicollis*
5.	LITTLE CORMORANT	*Phalacrocorax inger*
6.	DARTER	*Anhinga melanogaster**
7.	GREY HERON	*Ardea cinerea*
8.	PURPLE HERON	*Ardea purpurea*
9.	LITTLE HERON	*Butorides striatus*
10.	INDIAN POND HERON	*Ardeola grayii*
11.	CATTLE EGRET	*Bubulcus ibis*
12.	GREAT EGRET	*Casmerodius albus*
13.	INTERMEDIATE EGRET	*Mesophoyx intermedia*
14.	LITTLE EGRET	*Egretta garzetta*
15.	BLACK-CROWNED N. HERON	*Nycticorax nycticorax*
16.	LITTLE BITTERN	*Ixobrychus minutus R*
17.	CINNAMON BITTERN	*Ixobrychus cinnamomeus*

18.	PAINTED STORK	*Mycteria leucocephala*
19.	ASIAN OPENBILL	*Anastomus oscitans*
20.	WOOLLY-NECKED STORK	*Ciconia episcopus*
21.	BLACK-NECKED STORK	*Ephippiorhynchus asiaticus**
22.	BLACK-HEADED IBIS	*Threskiornis melanocephalus**
23.	BLACK IBIS	*Pseudibis papillosa*
24.	GLOSSY IBIS	*Plegadis falcinellus*
25.	EURASIAN SPPONBILL	*Platalea leucorodia*
26.	GREYLAG GOOSE	*Anser anser*
27.	BAR-HEADED GOOSE	*Anser indicus*
28.	LESSER WHISTLING TEAL	*Dendrocygna javanica*
29.	RUDDY SHELDUCK	*Tadorna ferruginea*
30.	COMMON SHELDUCK	*Tadorna tadorna R*
31.	NORTHERN PINTAIL	*Anas acuta*
32.	COMMON TEAL	*Anas crecca*
33.	SPOT-BILLED DUCK	*Anas poecilorhyncha*
34.	MALLARD	*Anas platyrhynchos*
35.	GADWALL	*Anas strepera*
36.	EURASIAN WIGEON	*Anas penelope*
37.	GARGANEY	*Anas querquedula*

38.	NORTHERN SHOVELLER	*Anas querquedula*
39.	RED-CRESTED POCHARD	*Rhodonessa rufina*
40.	COMMON POCHARD	*Aythya ferina*
41.	FERRUGINOUS POCHARD	*Aythya nyroca**
42.	TUFTED DUCK	*Aythya fuligula*
43.	COTTON PYGMY-GOOSE	*Nettapus coromandelianus*
44.	COMB DUCK	*Sarkidiornis melanotos*
45.	BLACK-SHOULDERED KITE	*Elanus caeruleus*
46.	BLACK KITE	*Milvus migrans lineatus*
47.	BRAHMINY KITE	*Hailastur indus*
48.	SHIKRA	*Accipiter badius*
49.	EURASIAN SPARROWHAWK	*Accipiter nisus*
50.	TAWNY EAGLE	*Aquila rapaz vindhiana*
51.	GREATER SPOTTED EAGLE	*Aquila clanga*
52.	GREY-HEADED FISH EAGLE	*Ichthyophaga ichjthyaetus**
53.	LONG-BILLED VULTURE	*Gyps indicus*
54.	WHITERRUMPED VULTURE	*Gyps bengalensis**
55.	EGYPTIAN VULTURE	*Neophron percnopterus*
56.	EURASIAN MARSH HARRIER	*Circus aeruginosus*
57.	GREY FRANCOLIN	*Francolinus pondicerianus*

58.	SARUS CRANE	*Grus antigone**
59.	DEMOISELLE CRANE	*Grus virgo R*
60.	WHITE-BREASTED WATERHEN	*Amaurornis phoenicurus*
61.	WATER COCK	*Gallicrex cinerea*
62.	COMMON MOORHEN	*Gallinula chloropus*
63.	PURPLE MOORHEN	*Porphyrio porphyrio*
64.	COMMON COOT	*Fulica atra*
65.	PHEASANT-TAILED JACANA	*Hydrophasianus chirurgus*
66.	BRONZE-WINGED JACANA	*Metopidius indicus*
67.	RED-WATTLED LAPWING	*Vanellus indicus*
68.	LITTLERINGED PLOVER	*Charadrius dubius*
69.	KENTISH PLOVER	*Charadrius alexandrinus*
70.	SPOTTED REDSHANK	*Tringa erythropus*
71.	COMMON REDSHANK	*Tringa totanus*
72.	MARSH SANDPIPER	*Tringa stagnatilis*
73.	COMMON SANDPIPER	*Tringa nebularia*
74.	GREEN SANDPIPER	*Tringa ochropus*
75.	COMMON SANDPIPER	*Tringa hypoleucos*
76.	COMMON SNIPE	*Gallinago gallinago*
77.	LITTLE STINT	*Calidris minuta*
78.	TEMMINCK’S STINT	*Calidris temminckii*

79.	RUFF AND REEVE	*Philomachus pugnax*
80.	BLACK-WINGED STILT	*Himantopus himantopus*
81.	PIED AVOCET	*Recurvirostra avosetta*
82.	EURASIAN THICK-KNEE	*Burhinus oedicnemus*
83.	YELLOW LEGGED GULL	*Larus cachinnans*
84.	BROWN-HEADED GULL	*Larus brunnicephalus*
85.	GULL-BILLED TERN	*Gelochelidon nilotica*
86.	RIVER TERN	*Sterna aurantia*
87.	YELLOW-FOOTED GREEN PIGEON	*Treron phoenicoptera*
88.	ROCK PIGEON	*Columba livia*
89.	EURASIAN COLLARED DOVE	*Streptopelia decaocto*
90.	SPOTTED DOVE	*Streptopelia chinensis*
91.	LAUGHINE DOVE	*Streptopelia senegalensis*
92.	ROSE-RINGED PARAKEET	*Psittacula krameri*
93.	PLUM-HEADED PARAKEET	*Psittacula cyanocephala*
94.	PIED CUCKOO	*Clamator jacobinus*
95.	INDIAN CUCKOO	*Cuculus micropterus*
96.	ASIAN KOEL	*Eudyamys scolopacea*
97.	GREATER COUCAL	*Centropus sinensis*
98.	SPOTTED OWLET	*Althene brama*
99.	INDIAN NIGHTJAR	*Caprimulgus asisticus*

100.	HOUSE SWIFT	*Apus affinis*
101.	ASIAN PALUM SWIFT	*Cypsiurus balasiensis*
102.	PIED KINGFISHER	*Ceryle rudis*
103.	COMMON KINGFISHER	*Alcedo atthis*
104.	WHITE-THROATED K.F.	*Halcyon smyrnensis*
105.	BLUE-TAILED BEE-EATER	*Merops philippinus*
106.	GREEN BEE-EATER	*Merops orientalis*
107.	INDIAN ROLLER	*Coracias benghalensis*
108.	COMMON HOOPOE	*Upupa epops*
109.	BROWN-HEADED BARBET	*Megalaima zeylanica*
110.	COPPERSMITH BARBET	*Megalaima haemacephala*
111.	CRESTED LARK	*Galerida cristata*
112.	DUSKY CARG MARTIN	*Hirundo concolor*
113.	BARN SWALLOW	*Hirundo rustica*
114.	WIRE-TAILED SWALLOW	*Hirundo smithii*
115.	RED-RUMPED SWALLOW	*Hirundo daurica*
116.	BROWN SHRIKE	*Lanius cristatus*
117.	BLACK DRONGO	*Dicrurus adsimilis*
118.	BRAHMINY STARLING	*Sturnus pagodarum*
119.	COMMON STARLING	*Sturnus valgaris*
120.	ASIAN PIED STARLING	*Sturnus contra*

121.	COMMON MYNA	*Acridotheres tristis*
122.	BANK MYNA	*Acridotheres ginginianus*
123.	RUFOUS TREEPIE	*Dendrocitta vagabunda*
124.	HOUSE CROW	*Corvus splendens*
125.	LARGE-BILLED CROW	*Corvus macrorhynchos*
126.	RED-WHISKERED BULBUL	*Pynonotus jocosus*
127.	RED-VENTED BULBUL	*Pycnonotus cafer*
128.	JUNGLE BABBLER	*Turdoides striatus*
129.	ASHY PRINIA	*Prinia socialis*
130.	TAILOR BIRD	*Orthotomus sutorius*
131.	CLAMOROUS REED WARBLER	*Acrocephalus stentoreus*
132.	BLYTH'S REED WARBLER	*Acrocephalus dumetorum*
133.	PADDY FIELD WARBLER	*Acrocephalus agricola*
134.	LESSER WHITETHROAT	*Sylvia curruca*
135.	COMMON CHIFCHAFF	*Phylloscopus collybita*
136.	BROWN ROCK CHAT	*Cercomela fusca*
137.	INDIAN ROBIN	*Saxicoloides fulicata*
138.	PADDY FIELD PIPIT	*Anthus novaesselandiae*
139.	TAWNY PIPIT	*Anthus campestris*
140.	YELLOW WAGTAIL	*Motacilla flava*
141.	CITRINE WAGTAIL	*Motacilla citreola*

142.	GREY WAGTAIL	*Motacilla caspica*
143.	WHITE WAGTAIL	*Motacilla alba*
144.	WHITE-BROWED WAGTAIL	*Motacilla maderaspatensis*
145.	PURPLE SUNBIRD	*Nectarinia asiatica*
146.	ORIENTAL WHITE-EYE	*Zosterops palpebrosa*
147.	HOUSE SPARROW	*Passer domesticus*
148.	CHESTNUT-SHOULDER PETRONIA	*Petronia zanthocollis*
149.	BAYA WEAVER	*Ploceus philippinus*
150.	STREAKED WEAVER	*Ploceus manyar*
151.	RED AVADAVAT	*Estrilda amondava*
152.	INDIAN SILVERBILL	*Lonchura malabarica*
153.	SCALY-BREASTED MUNIA	*Lonchura punctulata*

*** Globally threatened species,**

R Vagrant or very rarely recorded species.

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THE WILD LIFE (Protection)ACT, 1972
SCHEDULE 1
PART III

BIRDS

Andamant Teal *(Anas gibberifrons allagularis)*
Assam bamboo partridge *(Bambusicola fytchii)*
Bazas *(Aviceda jeordone and Aviceda leuphotes)*
Bengal florican *(Eupodotis bengalensis)*
Black necked crane *(Grus nigricollis)*
Blood pheasants *(Ithaginis cruentustiletanus)*
Cheer pheasants *(Caterus wallichii)*
Eastern white stork *(Ciconia ciconia boyciana)*
Forest spotted owlet *(Athene blewitti)*
Frogmouths *(Genus batrachostomus)*
Great Indian bustard *(Choriotis nigriceps)*
Hawks *(Fam, Accipitridae)*
Hooded Crane *(Grun monacha)*
Hornbills *(Ptilolaemus tickelli austeri, Aceros nipalensis, Rhyticeros undulatus ticehursti)*
Houbare bustard *(Chlamydotis undulata)*
Humes Bar-backed Pheasant *(Syrmaticus humiae)*
Indis Pied Hornbill *(Anthracoceros malabaricus)*
Jerdon’s courser *(Cursorius bitorquatus)*
Lammergeies *(Gypaetus barbatus)*
Large Falcons *(Falco peregrinus, F. biarmicus, F. chicuera)*
Large Whistling Teal *(Dendrocygna bicolor)*
Lesser Horican *(Sypheotider indica)*
Monal pheasant *(Lophophorus impeyanus, L. sclateri)*
Mountain quail *(Ophrysia superciliosa)*
Narcodam Hornbill *(Rhyticeros (undulatus) narcondami)*
Nicobar Pigeon *(Caloenas nicobarica pelewensis)*
Nicobar Megapode *(Megapodius freycinet)*
Osprey or fish eating eagle *(Pandion haliaetus)*
Peacock pheasant *(Polyplectron bicalcaratum)*

Peafowl *(Pavo cristatus)*
Pink headed Duck *(Rhodonessa Caryophyllacea)*
Scalater's monal *(Lophophorus sclateri)*
SiberianWhite erane *(Grus leucogeranus)*
Tibetan Snow Cock *(Tetraogallus tibetanus)*
Tragopan Pheasants *(Tragopan melanocephalus, T. blythii, T. satyra, T.temminckii)*
White-bellied Sea Eagle *(Haliaetus Leucogaster)*
White-eared Pheasant *(Crossoptilon crossoptilon)*
White Spoon bill *(Platalea leucorodia)*
White winged Wood Duck *(Cairina scutulata)*

THE WILD LIFE (PROTECTION) ACT 1972
SCHEDULE III
sec Sec. 2,8,9,11 and 61

Barkingdeer or muntjae *(Muntiacus muntjak)*
Chital or spotted deer *(Axis axis)*
Gorals *(Nemorhaedus goral, N. hodgsoni)*
Hog deer *(Axis porcinus)*
Hyaena *(Hyaena hyaena)*
Nilgiri *(Boselaphus tragocamelus)*
Sambar *(Cervus unicolor)*
Wild pig *(Sus scrofa)*

SCHEDULE IV
Birds (Other than those which appeas in other schedules)

1. Avodavat *(Estrildiane)*
2. Avocet *(Recurvirostridal)*
3. Babblers *(Timaliinae)*
4. Barbets *(Capitonidae)*
5. Barnowls *(Tytonknae)*
6. Bitterns *(Ardeidae)*
7. Brown headed gull *(Larus brunnicephalus)*
8. Bulbuls *(Pycnonotidae)*
9. Buntings *(Emberizidae)*
10. Bustorda *(Otididac)*
11. Bustard quails *(Turnicidae)*
12. Chloropsis *(Irenidae)*
13. Comb duck *(Sarkidiornis melanotes)*
14. Coots *(Rallidae)*
15. Cormorants *(Phala crocoracidae)*
16. Carmes *(Griudae)*
17. Cuckoos *(Cuculidae)*
18. Darters *(Phalacrocoracidae)*
19. Doves including the Emerald dore *(Columbidae)*
20. Drongos *(Dicruridae)*
21. Ducks *(Anatidae)*
22. Egrets *(Ardeidae)*
23. Fiary Blue Birds *(Irenidae)*

*24.*Falcous *(Falconidae)*
25.Finches including the chaffinch *(Fringillidae)*
*26.*Flamingos *(Phoenicopteridae)*
27.Flowerpecker *(Dicaeidae)*
*28.*Flycatchers *(Muscicapidae)*
*29.*Geese *(Anatidae)*
*30.*God finch and allies *(Cardueliane)*
*31.*Gerbes *(Podicipitidae)*
*32.*Herons *(Ardeidae)*
*33.*Ibises *(Threskiormithiade)*
*34.*Lorars *(Irenidae)*
*35.*Jays *(Corvidae)*
*36.*Jacanas *(Jacanidae)* 36a. Jungal fowl *(Phasianidae)*
*37.*Kingfishers *(Alcedinidae)*
*38.*Larks *(Alaudidae)*
39.Lorikeets *(Psittacidae)*
*40.*Magpies including the hunting magpie *(Coruidae)*
*41.*Mannikins *(Estrildinae)*
*42.*Megapodes *(Megapodidae)*
43.Minivets *(Campephagidae)*
44.Munias *(Estrildinae)*
45.Mynas *(Sturnidae)*
46.Night Jars *(Coprimulgidae)*
*47.*Orioles *(Oriolidae)*
*48.*Owls *(Strigidae)*
49.Oystercatchers *(Heamatopodidae)*
*50.*Parakeets *(Psittacidae)*
51.Partridges *(Phasianidal)*
*52.*Pelicans *(Pelecanidae)*
*53.*Pheasants *(Phasianidae)*
*54.*Pigeons *(Columbidae)* Except the Blue rock Frigcon *(Columba livia)*
55.Pipits *(Motacillidae)* 55A. Pittas *(Pittidae)*
56.Plovers *(Charadriinae)*
57.Quails *(Phasianidae)*
*58.*Rails *(Rallidae)*
59.Rollers or Blue Jays *(Coraciidae)*
60.Sandgrouses *(Pteroclididae)*
*61.*Sandpipers *(Scolopacinae)*
*62.*Snipes *(Scolopacinae)*
*63.*Sprufowls *(Phasianidae)*

64. Starlings *(Sturnidae)*
65. Stone curlew *(Burhinidae)*
66. Storks *(Ciconiiade)*
67. Stilts *(Recurvirostridae)*
68. Sunbirds *(Nectrainiidae)*
69. Swans (Sie) *(Anatidae)*
70. Teals *(Anatiade)*
71. Thurushes *(Turdinae)*
72. Tits *(Paridae)*
73. Tree pies *(Corvidae)*
74. Trogons *(Trogonidae)*
75. Valtures *(Accipitridae)*
76. Waxbills *(Estrildinae)*
77. Weaver birds or bayas *(Ploceidae)*
78. White eyes *(Zosteropidae)*
79. Wood peckers *(Picidae)*
80. Wrens *(Troglodytidae)*

ifjf'k"V & 21

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oU; tho laj{k.k vf/kfu;e 1972 dh /kkjk 18 ds v/khu vf/klwpuk la[;k 1021@14&3&14@90 y[kuÅ fnukad ebZ] 23] 1990 }kjk ikoZrh vjxk i{kh fogkj dh vf/klwpuk i{kh fogkj ?kksf"kr djus gsrq tkjh gqbZA blds vuqlkj ikoZrh >hy dk 640 gs0] vjxk >hy dk 320 gs0 rFkk vjxk >hy dh v/khu yh x;h jktLo Hkwfe0 124-47 gs0 dqy 1084-47 gs0 i{kh fogkj gsrq izLrkfor fd;k x;kA

oU; tho laj{k.k vf/kfu;e ds vUrxZr ftykf/kdkjh] xks.Mk }kjk mn~?kks"k.kk tkjh dh x;h rFkk 39 vn~n vkifRr;kW tks izkIr gqbZ mudh lquok;h ds ckn dysDVj] xks.Mk us vius vkns'k fnuakd 22 twu 1998 }kjk 695-117 gs0 i{kh fogkj ds i{k esa fu.kZ; fd;kA blds vuqlkj ikoZrh >hy rFkk vjxk >hy ls lEcfU/kr xzkeksa dk xzkeokj >hy dk jdck fuEuor~ gS &

vjxk >hy

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2	e/kokiqj	22-585	jktLo vfHkys[k esa veynjken dh dk;Zokgh gks pqdh gSA
3	fr[kfM+;k	24-581	jktLo vfHkys[k esa veynjken dh dk;Zokgh gks pqdh gSA
4	y{euiqj	5-022	jktLo vfHkys[k esa veynjken dh dk;Zokgh gks pqdh gSA
5	dksBk	118-402	jktLo vfHkys[k esa veynjken dh dk;Zokgh gks pqdh gSA
dqy ;ksx		**191-391 gs0**	

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1	pUnkiqj	417-0	jktLo vfHkys[k esa veynjken dh dk;Zokgh gks pqdh gSA
2	cgknqjk	34-192	jktLo vfHkys[k esa veynjken dh dk;Zokgh gks pqdh gSA
3	gfjgjiqj	10-278	jktLo vfHkys[k esa veynjken dh dk;Zokgh gks pqdh gSA
4-	dksBk	40-958	jktLo vfHkys[k esa veynjken dh dk;Zokgh gks pqdh gSA
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fe0//10-32, 3083/19-57, 3084/16-59, fe0/3-00, 3086/2-70, 3087/1-06, 3088/0-76, 3089/1-64, 3090/5-56, 3091/1-85, 3092/1-89, 3093/2-27, 3094/0-27, 3095/0-42, 3096/1-27, 3097/0-78, 3098/0-92, 3099/1-00, 3100/1-78, 3102/2-28, 3159/0-69, 3540/1-34, 3559/2-00, 3569 fe0//0-30, 3574/3-28, 3577 fe0//0-01, 3578 fe0//1-02, 3695/0-18, 3696/0-07, 3807 fe0//3-29, 3809/0-59, 3866/0-12, 3900 fe0//2-00, 3911/0-22, 3912/1-35, 3913/1-64, 3914/1-74, 3915/2-79, 3917 fe0//1-66, 3918/0-86, 3925/1-28, 3927/0-08, 3984/0-42, 4033/0-28, 4034/0-61, 4043/0-07, 4057/0-03, 4058/0-16, 4061/2-01, 4062/5-11, 4068/1-25, 4100 fe0//1-66, 4101/0-91, 4153/13-98, 4154/5-14, 4157 fe0//3-20, 4158/2-20, 4149/2-35, 4160/68-24, 4161/25-05, 4162/26.05, 4163/5-92, 4164/19-70, 4165/31-50, 4166/9-72, 4167/3-55, 4168/14-70, 4170/11-20, 4169/3-70, 4171/3-57, 4172/3-50, 4173/0-54, 4174/1-88, 4175/2-80, 4176/2-25, 4177/2-60, 4178/4-30, 4179/10-8 dqy 284 fdrk jDck 1024-38 ,dM+ ¼417-00 gs0½

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gfjgjiqj	506	308@0-570] 465@0-390] 723@0-660] 811@0-085] 978fe00@8-573 dqy 5 fdrk jdck 10-278 gs0
xkSfj;k	371	312@51-40 ,dM+

e/kokiqj	&	48l@55-81 ,dM+
fr[kfM+;k	136	296M-@60-74 ,dM+
y{euiqj	219	93@0-60] 97p@11-81 dqy 2 fdrk jdck 12-41 ,dM+
dksBk	622	161@32-00] 642@2-15] 643@14-11] 644@51-35] 645@38-25] 646@27-50] 647@16-88] 834fe0@3-38] 835@6-95] 885@2-18] 1132@0-38] 1133@1-28] 1134@4-16] 1135@1-11] 1136@0-16] 1137@0-16] 1138@0-28] 1139@0-79] 1140@0-38] 1141@0-37] 1142fe0@0-82] 1143@10-08] 1144@0-24] 1145@0-23] 1146@1-06] 1147@1-13] 1149@1-83] 1150@0-44] 1151@0-31] 1152@1-02] 1153@1-27] 1154@1-03] 1155@0-25] 1156@0-31] 1157@0-31] 1158@0-17] 1159@0-07] 1160@0-17] 1161@0-17] 1162@0-07] 1163@0-20] 1164@0-45] 1165@0-49] 1166@0-25]

		1167@0-17] 1168@0-21] 1169@0-64] 1170@21-25] 1171@47-40] 1591@7-36] 1667@35-63 dqy 51 fdrk 338-95 ,dM+ ;k 135-960 gs0
dksBk	er#d uEcjku	1467@3-35] 1468@20-90] 1469@0-18] 1533@15-62] 1590@10-00] 1172fe00@7-75 dqy 6 fdrk jdck 57-80 ,dM+

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Government Gazette
OF THE UTTAR PRADESH
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LUCKNOW; TUESDAY AUGUST 11, 1953

GOVERNMENT OF UTTAR PRADESH
REVENUE (A) DEPARTMENT
NO. 5436/I.A – 1562-1953
Dated Lucknow, August 11, 1953

NOTIFICATION

In exercise of powers confe0rred by section 117 of Uttar Pradesh Zamindari Abolition and Land Reforms Act. 1950 (Act I of 1951) the Governor is pleased to decalare that as from the date of this notification all tanks, ponds, fisheries and water channels, other those specified in the Schedule annexed hereto, situate in a circle had vested in the state under the said Act, shall vest in the Gaon Samaj established for the circle.

SCHEDULE

Particulars of Tanks, Ponds, Fisheries, Water Channels which shall not vest in the Gaon Samajs

LIST-I

District	**Tashil**	**Village**	**Name of plot number of tanks, ponds and fisheries**	**Area in acres**
1	2	3	4	5
Meerut	Ghaziabad	Hasanpur Mussoorise Dhaulana Dhaulana	1. plot no. 898 2. plot no. 715 3. plot no. 2213 4. plot no. 2166	149.4 76.1 16.15 17.13
District	**Tashil**	**Village**	**Name of plot**	**Area in**

			number of tanks, ponds and fisheries	acres
Gonda	Balrampur	Balrampur	1. Gidhrahya	2.06
		Bhagnawan (Balrampur)	2. Bhagnawan	100.00
		Kakra (Balrampur)	3. Kakra	100.00
	Utraula	Barahwakot	4. plot no. 189/1 755/1 825/1 835/1	115.89
		Karaugarh	5. Ditto 1/1	259.38
		Chitarpara	6. Ditto 3858 1098	168.2
		Tilhar	7. Tilhar	Above 3 Acres
		Bihrampur	8. plot no. 2412/1	73.68
	Tarabganj	Madhopur	9. Ditto no. 736	24.5
		Barel	10. Bareil	Above 3 Acres
		Arga	11. Arga	Ditto
		Parbati	12. Parbati	Ditto
		Kondar	13. plot no. 986 1627 1661 1826	375.49
District	**Tashil**	**Village**	**Name of plot**	**Area in**

			number of tanks, ponds and fisheries	acres
Bahraich	Sadar	Baghaltal	1. Baghaltal	1097.49
		Samgarha	2. Bariyar	51.97
	Nanpara	Baghaauli	3. Gangaur	226.48
	Kaisarganj	Hathi Chak	4. Maliatal	170.7
	Fakhurpur		5. Dahauratal	368.6
Sultanpur	Sadar	Dhobaghata (Loharamau)	1. Dhobaghata	(N)
		Sultanpur	2. Sawarmau	(N)
		Sultanpur	3. Ahmane (Chobe Ki Garhi)	(N)
		Sultanpur	4. Ahimancy Ki Garhi	(N)
		Sultanpur	5. Lobha Hasanpur	(N)
		Sultanpur	6. Ishwardas Tank	(N)
		Sultanpur	Mahi Tara	(N)
		Sultanpur	8. Nimahantal	(N)
		Sultanpur	9. Bahin Ka tal	(N)
		Sultanpur	10. Tarawan	(N)
		Bisapur	11. Talia Ki Garhi	(N)

District	Tashil	Village	Name of plot	Area in

			number of tanks, ponds and fisheries	**acres**
		Bisapur	12. Sahergandi	(N)
		Bisapur	13. Dube Ki Garhi	(N)
		Pyare patti	14. Gaon Ka tal	(N)
		Sheonathganj	15. Sheonathganj	(N)
		Sultanpur	16. Khainchala (Karamain)	(N)
		Sultanpur	17. Glib Sahib Pond	(N)
		Sultanpur	18. Lal Dobhi	(N)
		Sultanpur	19. Garha	(N)
		Dwarkaganj	20. Dawarkaganj 1 and 2	(N)
		Karawa	21. Karawa	3.00
		Deokali	22. Dcokali	4.00

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Water Chemistry

1. Physical Parameters

a. pH

The pH test measures the hydrogen ion concentration of water. It provides a gauge of the relative acid/base nature of a water sample. The pH of water determines the solubility and biological availability of chemical constituents such as nutrients (phosphorus, nitrogen, and carbon) and heavy metals (lead, copper, cadmium, etc.). For example, in addition to affecting how much and

what form of phosphorus is most abundant in the water, pH also determines whether aquatic life can use it. Metals tend to be more toxic at lower pH, because they are more soluble.

Optimal Levels

- pH values between 7.0 and 8.0 are optimal for supporting a diverse aquatic ecosystem.
- A pH range between 6.5 and 8.5 is generally suitable.

Acid conditions are highly detrimental to aquatic macro invertebrates and fish. If pH declines below 6.5, few eggs hatch and aquatic insect levels drop.

The pH values in the water samples tested from Argah lake were 7.74 and that in Parvati were 7.93. These are optimal values for sustaining healthy aquatic system.

b. Electrical Conductivity

Electrical Conductivity is a measure of the capacity of water to conduct an electric current. A higher value of conductivity means that the water is a better electrical conductor. The unit of measure for conductance can be expressed in two ways:

- **Micro Sieman per centimeter of water measured at a temperature of 25 degree Celsius (abbreviated S/cm @ 25º C).**
- **Micromhos per centimeter (abbreviated micromhos/cm or mhos/cm).**

The amount of dissolved salts in water will affect the conductivity of electricity. The more dissolved mineral salts, the higher the conductivity. This is because of the presence of dissolved ions from the mineral salts. Conductivity is also increased by higher temperatures. Although the conductivity of water will not tell us which mineral salt are present, this measure gives us an index of their level. High levels of mineral salts in fresh waters can affect animal and plant survival and reproduction.

The Role of Electrical Conductivity in Water bodies:

Electrical conductivity increases when more of any salt including the most common one, sodium chloride, is dissolved in water. For this reason, conductivity is often used as an indirect measure of the salt concentration in waterbodies. In general, waters with more salts are the more productive ones - except, of course, where there are limiting nutrients or limiting environment factors involved. Natural factors can also cause higher conductivity values in the open water. For example, drought conditions can increase the salt concentrations in a water body in two ways: (1) drought can cause inflowing waters to have higher salt concentrations, and (2) heat and low humidity can increase the rate of evaporation in open water, leaving the waterbody with a higher concentration of salt. Because animal and human wastes (sewage, feed lot effluent, etc.) contain salts, the measurement of conductivity can be used for the detection of contamination. It's important to keep in mind that elevated conductance measurements may have various causes and do not by themselves prove there is contamination from human or animal wastes.

The EC values in the water samples tested from Argah lake were 249 S/cm@ 25º C and in Parvati were 286 S/cm@ 25º C. These are optimal values for sustaining healthy aquatic system.

C. Total Dissolved Solids

The total amount of ions in the water is called the **TDS** (total dissolved salt, or total **dissolved solids concentration**). Both the concentration of TDS and the relative amounts or ratios of different ions influence the species of organisms that can best survive in the water body, in addition to affecting many important chemical reactions that occur in the water.

TDS values in the water samples tested from Argah lake were 123 ppm and that in Parvati were 142.1 ppm. These values are within the optimal range.

d. Dissolved Oxygen

Like terrestrial animals, fish and other aquatic organisms need oxygen to live. Oxygen can be present in the water, but at too low a concentration to sustain aquatic life. Dissolved oxygen (DO) is a critical water quality parameter indicating the health of an aquatic system. DO is the measurement of oxygen dissolved in water and available for fish and other aquatic life. **Optimal Levels of Dissolved Oxygen** are **Optimal**-9 mg/l; **Acceptable**-7-8 mg/l; **Poor**-3.6-6 mg/l. Levels below 3.5 mg/l are likely fatal to freshwater fishery.

Generally, a DO level of under 5mg/l is stressful to most vertebrates and cause mortality to some invertebrates.

The DO values in the water of Argah lake and in Parvati lake were optimal as both the lakes support a good fish diversity and good fish population. There have been no records of fish kill in these lakes.

2. Chemical Parameters

a. Ion Balance

Ion balance means the sum of the negative ions equals the sum of the positive cations when expressed as equivalents. These ions are usually present at concentrations expressed as mg/l (parts per million, or ppm) whereas other ions such as the nutrients phosphate, nitrate, and ammonium are present at · g/L (parts per billion, or **ppb**) levels a lake contains a wide array of molecules and ions from the **weathering** of soils in the **watershed**, the atmosphere, and the lake bottom. Therefore, the chemical composition of a lake is fundamentally a function of its climate (which affects its **hydrology**) and its **basin** geology. Each lake has an ion balance of the three major **anions** and four major **cations** (see Table below).

Anions Percent Cations Percent

Ca^{++} Na^{+}

HCO_3^{-} 73%, Ca^{+2} 63%

SO_4^{-2} 16%, Mg^{+2} 17%

Cl^- 10%, Na^+ 15%

K^+ 4%

Other < 1% Other < 1%

Lakes/waterbodies with high concentrations of the ions calcium (Ca^{+2}) and magnesium (Mg^{+2}) are called **hard water water bodies**, while those with low concentrations of these ions are called **soft water water bodies**.

Concentration of Calcium and Magnesium ions tested in water samples from Argah lake were 3.3 meq/l and that in Parvati lake were 3.0 meq/l. these are indicative that both the lakes are soft water bodies.

Concentrations of other ions, especially **bicarbonate**, are highly correlated with the concentrations of the hardness ions, especially Ca^{+2}. The ionic concentrations influence the aquatic system's ability to assimilate pollutants and maintain nutrients in **solution**. For example, calcium carbonate ($CaCO_3$) in the form known as **marl** can precipitate phosphate from the water and thereby remove this important nutrient from the water.

b. Carbonates and bicarbonates

Carbonate ion (CO_3^{-2}) is far less common in natural waters than is the bicarbonate ion, because it exists only at higher pH values (pH > 8.3).

Carbonates were absent in the water samples tested from Argah lake and that in Parvati lake. This is because the pH of both the lakes is lower than 8.3. This is indicative of a healthy natural ecosystem.

Bicarbonate ion (HCO^-_3) is more common in waters draining from watersheds that contain carbonate rocks such as limestone and dolomite, but carbonates may also be present in other sedimentary rocks such as shales and sandstones. Carbonates are far less common in igneous and metamorphic rocks, although they may occur here as well, especially in the marbles (metamorphic) and the carbonatites (igneous). Bicarbonate ion is the most common anion in most natural freshwaters, and is the chief source of alkalinity in such waters. Bicarbonate ion levels are generally expressed in terms of calcium carbonate equivalent and are determined as part of the alkalinity procedure. Bicarbonate is an important source of carbon for higher aquatic plants and algae, although the aquatic mosses cannot use it as a carbon source. When bicarbonate is used by aquatic plants, it tends to raise water pH because a hydroxide ion is released in process of extracting carbon dioxide from the bicarbonate ion.

(1) HCO^-_3 ----------> $CO_2 + OH^-$

The Bicarbonate values in the water samples tested from Argah lake were 213.5 ppm and that in Parvati were 213.5 ppm. These are optimal values for sustaining healthy aquatic system.

c. Nutrients

Nutrients in water serve the same basic functions as nutrients in a garden. They are essential for growth. In a garden, growth and productivity are considered beneficial, but that is not necessarily so in water. The additional algae and other plant growth encouraged by the nutrients may be beneficial up to a point, but may easily become a nuisance. The main nutrients of concern are phosphorus and nitrogen. Phosphates and nitrates are associated with many

nonpoint pollution sources, such as livestock manure and urine, failing septic systems and synthetic fertilizers. (Synthetic fertilizers release their nutrients more rapidly than the slower-acting organic ones like compost and composted manure). Excessive nutrient loads can artificially stimulate plant growth resulting in algal blooms which speed up the aging process of aquatic systems.

Phosphates were below detection limits in water samples of both the lakes this is indicative that the treat from nutrient loading due to excessive use of fertilisers in the watershed is absent in this region. However, it may be noted that this is the most common threat in most of the country, as such one should bear in mind this may become a potential threat in the near future.

d. Salinity

Salinity is the saltiness of water and is influenced by leaching rock and soil formations, runoff from a watershed, atmospheric precipitation and deposition, and evaporation. It is measured in units of parts per thousand (abbreviated"ppt"). Salinity often tends to be lower in areas receiving inflows of freshwater, like the mouths of rivers. Salinity often tends to be higher in areas where the evaporation rate is high in hot, dry climates.

Chloride

Chloride is a substance found in all the world's waters. Chlorides is an ionized form of the element chlorine. Chloride compounds are used extensively in industrial operations and agriculture. For examples, the potash in fertilizer is potassium chloride. Common table salt is sodium chloride and is a necessary part of human and animal diets. Chloride levels in water bodies are affected by

several factors. Climate is a major influence. For example, chloride concentrations in water bodies in humid regions tends to be low, whereas those in semi-arid and arid regions may be hundreds of times higher because of higher rates of evaporation.

The Role of Chlorides in Water bodies:

Salts are the primary sources of chloride in water. (Note that the term "salt" includes compounds in addition to sodium chloride). Traveling by many pathways, chloride has found its way into all the world's waters. The saltiness, or chloride concentration, of water can affect plants and wildlife. For example, some species die in water that is too salty, and other die in water that is not salty enough.

The values for chlorides in the water samples tested from Argah lake were 145.55 ppm and that in Parvati were 355.5 ppm. In Argah lake these are optimal values for sustaining healthy aquatic system, however higher values in lake Parvati are indicative of some levels of pollution from domestic sources as well as the fact this lake is highly silted, hence, has higher amounts of ions and salts that have come through runoff water from immediate watershed.

ifjf'k"V&27

mRrj izns'k esa ikfjfLFkfrdh;& fodkl gsrq 'kkldh; ladYi dh :i js[kk

mRrj izns'k 'kklu ds i= la[;k ;w0vks0&84@14 i0Hkw0fo0&99&63@97 ou vuqHkkx&4 fnukWad 12-5-99 }kjk tkjh &

1& izLrkouk &

jkT; esa oU; tho ,oa tSo fofo/krk ds laj{k.k ds mn~ns'; ls dbZ lajf{kr {ks= tSls jk"Vªh; mi ou] oU; tho fogkj vkSj ck;ksfLQ;j fjtoZ LFkkfir fd;s x;s gSA

vc lajf{kr {ks=ksa ds vUnj ,oa mlds lehiLFk {ks=ksa esa oU; tho ,oa tSo fofo/krk laj{k.k dk;ZØeksa esa LFkkuh; yksxks dh lfØ; Hkkxhnkjh dks vkSj vf/kd c<+kus ds mn~ns'; ls egkefge jkT;iky us ;g fu.kZ; fy;k x;k gS fd ikfjfLFkfrdh fodkl dk;ZØeksa esa lgHkkfxrk dh uhfr viuk;h tk;sA

v/kksfyf[kr ladYi ds vuqlkj ikfjfLFkfrdh fodkl ds dk;ZØe fy;s tk;saxasA

2& ifjHkk"kk;sa &

bl ladYi es] tc rd fd lanHkZ esa vU;Fkk u visf{kr gks%

(1) vf/kfu;e dk rkRi;Z mRrj izns'k esa viuh izo`fr ds lEcU/k esa ;Fkk la'kksf/kr Hkkjrh; ou vf/kfu;e 1927 ls gSA

(2) ^okf"kZd fØ;kUo;u ;kstuk* dk vFkZ vuqeksfnr ekbØksIyku ds vk/kkj ij izfro"kZ fØ;kkfUor gksus okys fdz;k dykiksa ls gSA

(3) ^vè;{k* dk rkRi;Z vè;{k xzke ikfjfLFkfrdh fodkl lfefr vkSj xzkE; ikfjfLFkfrdh fodkl lfefr dh dk;Zdkjh lfefr ls gSA

(4) ^eq[; ou tho laj{kd* dk vFkZ oU; tho laj{k.k vf/fu;e 1972 ds izkfo/kuksa ds vUrxZr fu;qDr O;fDr ls gSA

(5) ^dk;Zdkjh lfefr* dk rkRi;Z lkr lnL;h; lfefr ftlesa vè;{k 'kkfey gS] ls gS] tks bl ladYi ds v/khu xfBr xzke ikfjfLFkfrdh fodkl lfefr ds iz'kklfud vkSj izcU/k lEcU/kh nkf;Roksa dk fuoZgu djsxhA

(6) ^ou j{kd* dk rkRi;Z dk;Zdkjh bdkbZ chV ds izHkkjh O;fDr ls gSA

(7) ^ou vf/kdkjh* dk rkRi;Z ml O;fDr ls gS ftls jkT; ljdkj us Hkkjrh; ou vf/kfu;e 1927 ds lHkh vFkok fdlh Hkh mn~ns'; dks fØ;kUo;u gsrq fu;qDr fd;k gksA

(8) ^ou njksxk* dk rkRi;Z ml Js.kh ds O;fDr ls gS] tks lEc) vf/kdkjh ds :i esa Fkk] tks ou jsat ds vUrxZRk lsD'ku ds i;Zos{k.k dk;ksZ dks djrk gSA

(9) ^'kklu* dk rkRi;Z mRrj izns'k ls gSA

(10) ^jkT;iky* dk rkRi;Z jkT;iky] mRrj izns'k ls gSA

(11) ^xzke lHkk*] ^xzke iapk;r*] ^iz/kku*] ^mi&iz/kku* vkSj ^xzke* ds vFkZ ogh gksaxs] tks muds fy, la;qDr izkUr iapk;r jkT; vf/kfu;e 1947 esa Øe'k% fn;s x;s gSA

(12) ^ifjokj* dk vFkZ ,d bdkbZ ds :i esa ?kj esa jg jgs vf/kokfl;ksa ls gSA

(13) ^lnL; xzke ikfjfLFkfrdh fodkl j.kuhfr* dk rkRi;Z xzke esa ikfjfLFkfrdh fodkl esa Hkkxhnkjh gsrq bPNqd ifjokjksa }kjk ukfer O;fDr ls gS] tks xzke ikfjfLFkfrdh fodkl lfefr esa izfrfuf/kRo djsxkA

(14) ^ekbØksIyku* dk vFkZ xzke Lrj ij izcU/ku gsrq ikfjfLFkfrdh fodkl fØ;kdykiksa dh ;kstuk ls gSA

(15) ^lajf{kr {ks=* dk vFkZ jk"Vªh; miou] oU; tho fogkj] ,oa ck;ksfLQ;j fjtoZ ls gSA

(16) ^izcU/kd* laajf{kr {ks=ksa dk vFkZ eq[; oU; tho laj{kd }kjk ukfer lajf{kr {ks= ds izHkkjh ou vf/kdkjh ls gSA

(17) ^ifj;kstuk* dk vFkZ mRrj izns'k okfudh ifj;kstuk ls ls gSA

(18) ^ifj;kstuk bdkbZ* dk rkRi;Z mRrj izns'k okfudh ifj;kstuk dh ifj;kstuk bdkbZ ls gSA

(19) ^fu;e izk:i@izi=* dk vFkZ bl ladYi ds lkFk layXu fu;e izk:i@ izi= ls gSA

(20) ^jsat vf/kdkjh* dk rkRi;Z dk;Zdkjh bdkbZ ds izHkkjh vf/kdkjh ls gSA

(21) ^iszjd ny* dk rkRi;Z leqfpr rduhdh Kku okys O;fDR;ksa ds ml ny ls gS] tks xzke Lrj ij xzkeh.kksa dks ikfjfLFkfrdh fodkl ds fØ;k dykiksa dks djus esa lgk;rk iznku djsxkA

(22) ^xzke ikfjfLFkfrdh fodkl lfefr* dk rkRi;Z xzke Lrjh; lfefr ftldk xBu bl ladYi esa fufgr izkfo/kuksa ds vuqlkj] lEcfU/kr xzke ikfjfLFkfrdh fodkl ds fØ;kdykiksa ds fØ;kUo;u gsrq gqvk gksA

(23) ^oU; tho vf/kfu;e* dk rkRi;Z oU; tho laj{k.k vf/fu;e 1972 vkSj blds la'kks/ku rFkk mRrj izns'k esa blds izo`fr ds lanHkZ esa cus fu;eksa ls gSA

(24) ^o"kZ* dk vFkZ 1 viSzy ls 31 ekpZ dh vof/k ls gSA

(25) ^dk;Zdkjh bdkbZ* dk vFkZ ml {ks=h; Hkkx ls gS ftlds iz'kklfud fu;a=.k gsrq ?kks"k.kk dh x;h gSA

(26) ^ou jsat* dk rkRi;Z ml {ks= ls gS ftldh ?kks"k.k jkT; ljdkj }kjk vf/klwpuk ls dh xbZ gks ;k fufgr izkf/kdkjh }kjk dh xbZ gksA

(27) ^Lo;a lsoh laLFkk* dk rkRi;Z O;fDr;ksa ds ml lewg ls gS tks ljdkj ds lqlaxr vf/kfu;e ds vUrxZr LoSfPNd laxBu ds :i esa iathd`r gksaA

3 &mn~ns'; &

ikfjfLFkfrdh fodkl dk;ZØe ds fuEu mn~ns'; gksxsa &

(1) lajf{kr {ks= ds vUnj rFkk mlds pkjksa vksj jgus okys yksaxks dh vkthfodk esa leqfpr fodYi miyC/k djkrs gq, bl izdkj gLr{ksi ¼eè;LFkrk½ djuk ftlls fd lajf{kr {ks= ds lalk/ku lqjf{kr jg ldsaA

(2) tSo&fofo/krk laj{k.k esa turk dh lgHkkfxrk lqfuf'pr djukA

(3) oU; tUrqvksa }kjk ekuo thou ,oa lEifRr dks de djukA

(4) lajf{kr {ks= ,oa ekuo ds vkilh la?k"kZ dks de djukA

(5) lajf{kr {ks= ds izcU/k {kerkvksa esa lq/kkj djuk ,oa lajf{kr {ks= ds lalk/kuksa dh lqj{kk esa o`f) djukA

(6) lajf{kr {ks= ds izcU/k {kerkvksa esa lq/kkj djuk ,oa lajf{kr {ks= ds lalk/kuksa dh lqj{kk esa o`f) djukA

(7) ikfjfLFkfrdh fodkl dk;ZØeksa ds ekè;e ls xzkeh.kksa dh] fu;kstu ,oa lrr~ fodkl dk;ZØeksa ds fØ;kUo;u dh {kerkvksa esa fodkl djukA

(8) lajf{kr {ks= ds pkjksa vksj tSo fofo/krk laj{k.k dk;ZØeksa ds mn~ns';ks ds vuq:i Hkwfe mi;ksx i)fr;kWa@ izo`fr;ksa dks c<+kok nsukA

4& {ks= &

ikfjfLFkfrdh fodkl dk;ZØe ikfjfLFkfrdh fodkl eaMyksa esa fØ;kfUor fd;k tk;sxk tks lajf{kr {ks= dh lhek ls 5 fdeh0 dh nwjh rd foLr`r gks ldrk gS rFkk ,sls {ks=] yksxks ij lajf{kr {ks= lalk/kuksa ,oa oU; tUrqvksa ds izHkko dk lko/kuh iwoZd vè;;u@fopkj djus ds mijkUr fpfUgr fd;s tk;saxsA

ikfjfLFkfrdh fodkl eaMy] lajf{kr {ks= dh lEiw.kZ lhek ds lkFk foLr`r gks ldrk gS vkSj ugh HkhA izeq[k@ izcy tUrq dh ikfjfLFkfrdh lhek dks 'kkfey djus gsrq lajf{kr {ks= ds lehi fLFkr oU; tUrqvksa dh cgqrk;r okys vkjf{kr ou {ks= esa Hkh ikfjfLFkfrdh fodkl eaMy dk foLrkj gks ldrk gSA

5& lfefr;kWa &

5 ¼,½ lajf{kr {ks= Lrjh; ikfjfLFkfrdh fodkl lfefr &

lEcfU/kr lajf{kr {ks= ds ou laj{kd fuEu izdkj lfefr cuk;saxs %&

(1) izcU/kd lajf{kr {ks= & vè;{k

(2) izcU/kd lajf{kr {ks= }kjk ukfer ,d izfrfuf/k & lnL; lfpo

(3) v/~;{k ftyk iapk;r }kjk ukfer ,d izfrfuf/k & lnL; ¼;fn lajf{kr {ks= lewg ,d ls vf/kd ftyksa esa QSys gks] rks izR;sd ftys ls ,d izfrfuf/k½

(4) lehiLFk ou izHkkxksa ds mi ou laj{kd & lnL;

(5) fLi;j gsM Vheksa ds izHkkjh lgk;d ou laj{kd & lnL;

(6) eq[; oU; tho laj{kd }kjk ukfer {ks= esa dk;Zjr Lo;a lsoh laLFkk dk ,d izfrfuf/k & lnL;

5 ¼ch½ xzke ikfjfLFkfrdh fodkl lfefr &

izcU/kd lajf{kr {ks= bl lfefr dk xBu bl izdkj djsaxs %

(1) izcU/kd lajf{kr {ks= ikfjfLFkfrdh fodkl esa fd;s tkus okys xzke ;k xzkeksa dk p;u djsaxsA layXurk ds vuqlkj ,d xzke vFkok iqjok ds vk/kkj ij lfefr cuk;h tk;sxhA

(2) izcU/kd lajf{kr {ks= lEcfU/r jkft vf/kdkjh@ou {ks=kf/kdkjh dks mlds {ks= esa p;fur xzkeksa ,oa iqjoksa dh lwpuk nsaxs vkSj xzke ikfjfLFkfrdh fodkl lfefr ds xBu gsrq vfxze dk;Zokgh gsrq funsZf'kr djsaxsA

(3) jkft vf/kdkjh@ou {ks=kf/kdkjh xzke ikfjfLFkfrdh fodkl lfefr ds xBu gsrq xzke] iqjoksa ds lHkh ifjokjksa dks fu;r frfFk] LFkku ,oa le; ij ladfyr gksus gsrq lwpuk nsaxsA blds fy, de ls de nl fnu iwoZ vfxze lwpuk nsuh gksxhA

(4) ;fn fu;r frfFk] le; ,oa LFkku ij vk/ks ls de ifjokj ,df=r gksrs gSa rc lHkk fdlh vxyh frfFk gsrq LFkfxr dj nh tk;sxhA

(5) mijksDRkkuqlkj cqyk;h xbZ cSBd esa jkft vf/kdkjh] xzke ikfjfLFkfrdh fodkl lfefr esa lfEefyr gksus ds bPNqd] lfefr esa Hkkx ysus gsrq izR;sd ?kj ls ,d ls T;knk lnL; ukfer ugha gksaxsA jkft vf/kdkjh bl ckr dk fo'ks"k iz;kl djsaxs fd lHkh vuqlwfpr tkfr@ vuqlwfpr tutkfr@ fiNM+s oxZ ,oa ou ij fuHkZj xjhc ifjokj dk izfrfuf/kRo xzke ikfjfLFkfrdh fodkl lfefr esa gks vkSj ojh;rk ds vuqlkj 30 izfr'kr ifjokj izfrfuf/k efgyk gksaA

(6) bPNqd ifjokjksa ds izfrfuf/k;ksa dh lwph bl mn~ns'; ls cuk;s x;s ,d jftLVj esa la/kkfjr fd;k tk;sxk vkSj jftLVj esa u;h izfof"V;kWa Hkh dh tk;saxh] tc&tc u;s ifjokj lgHkkfxrk gsrq viuh bPNk tkfgj djsaxsA ;g lwph xzke ikfjfLFkfrdh fodkl lfefr dk xBu djsaxhA

(7) xzke ikfjfLFkfrdh fodkl lfefr ,d vè;{k ,oa dk;Zdkjh lfefr gsrq pkj lnL;ksa dk pquko djsaxh] ftlesa ls de ls de ,d lnL; vuqlwfpr tkfr@vuqlwfpr tutkfr] ,d lnL; vU; fiNM+k oxZ rFkk nks efgyk lnL; gksaA ;fn vè;{k ;k vuqlwfpr tkfr@tutkfr] fiNM+s oxZ dh pquh gqbZ izfrfuf/k efgyk gks rks ,slh fLFkfr esa efgyk ds fy;s vkjf{kr lhV ij fdlh iq:"k lnL; ls Hkjh tk ldrh gSA

(8) izcU/kd lajf{kr {ks= }kjk ,d ou njksxk dks xzke ikfjfLFkfrdh fodkl lfefr dk ***lnL; lfpo de dks"kkf/kdkjh*** ukfer fd;k tk;sxkA

(9) lfefr gsrq pquko izR;sd rhu o"kZ ij fd;k tk;sxkA ijUrq ;fn vè;{k ;k fdlh lnL; dks gVkus gsrq nks frgkbZ lnL; ladYi@ izLrko ikfjr djrs gSa rks ,slh fLFkfr esa pquko rhu o"kZ ls iwoZ Hkh gks ldrs gSaSA

5 ¼lh½ xzke ikfjfLFkfrdh fodkl lfefr dh dk;Zdkjh lfefr &

xzke ikfjfLFkfrdh fodkl lfefr esa lkr lnL;h; ,d dk;Zdkjh lfefr gksxhA xzke ikfjfLFkfrdh fodkl lfefr dk vè;{k dk;Zdkjh lfefr dk Hkh vè;{k gksxkA xzke ikfjfLFkfrdh fodkl lfefr ds lnL;ksa }kjk izR;sd rhu o"kZ ij pkj lnL;ksa dk pquko fd;k tk;sxkA ftuesa ls ,d vuqlwfpr tkfr@tutkfr dk gksxk rFkk de ls de ,d lnL; vU; fiNM+s oxZ dk gksxkA izcU/kd lajf{kr {ks=] dks"kkf/kdkjh ds :i esa ukfer djsxkA izcU/kd lajf{kr {ks= lfefr ds Lo;a lsoh laLFkk ds izfrfuf/k dks lnL; ds :i esas ukfer djsaxkA bl rjg dk;Zdkjh lfefr dh lajpuk fuEu izdkj gksxh &

(1) vè;{k& ikfjfLFkfrdh fodkl lfefr vè;{kA

(2) lnL;& xzke ikfjfLFkfrdh fodkl lfefr ds vuqlwfpr tkfr@tutkfr ds lnL;ksa esa ls pquk gqvkA

(3) lnL;& xzke ikfjfLFkfrdh fodkl lfefr ds vU; fiNM+s oxZ lnL;ksa esa ls pquk gqvkA

(4) lnL;& xzke ikfjfLFkfrdh fodkl lfefr ds efgyk lnL;ksa esa ls pquk gqvkA

(5) lnL;& xzke ikfjfLFkfrdh fodkl lfefr ds efgyk lnL;ksa esa ls pquk gqvkA

(6) lnL; lfpo de dks"kkf/kdkjh & izcU/d lajf{kr {ks= }kjk ukfer ou njksxkA

(7) lnL;&izcU/kd lajf{kr {ks= }kjk Lo;a lsoh laxBu ds izfrfuf/k;ksa esa ls ukferA

;fn vuqlwfpr tkfr@tutkfr@vU; fiNM+k oxZ ds ifjokj xzke@iqjok ls u gksa] rks ,slh n'kk esa lkekU; ifjokj ds lnL;ksa ls lhV Hkjh tk ldrh gSA pquko ukfer gksus dh izfØ;k iwjh gksus ds ckn izcU/kd lajf{kr {ks= dk;Zdkjh lfefr ds xBu dh vf/klwpuk izdkf'kr djsxkA

xzke ikfjfLFkfrdh fodkl lfefr rFkk dk;Zdkjh lfefr ds xBu ds ckn izcU/kd lajf{kr {ks= bUgs lfefr iathdj.k vf/kfu;e 1860 ds vUrxZr lfefr ds :i esa iathdj.k gsrq dk;Zokgh djsaxkA

6 & dk;Z lapkyu gsrq fu;e &

6 ¼,½ lajf{kr {ks= Lrjh; ikfjfLFkfrdh fodkl lfefr &

(1) foRrh; o"kZ ds izR;sd pkj ekg esa lfefr dh ,d cSBd gksxhA

(2) vè;{k dh lgefr ls lnL; lfpo lfefr dh cSBd vk;ksftr djsxkA

(3) cSBd dk dksje iwjk djus ds fy;s v/~;{k dks 'kkfey djrs gq;s ,d frgkbZ lnL;ksa dh la[;k vko';drk gksxhA

(4) lnL; lfefr cSBd dk dk;Zo`Rr la/kkfjr djsxkA

(5) v'kkldh; lnL;ksa dks Js.kh ,d ds jktdh; lsodksa dh HkkWafr ;k=k HkRrk vuqeU; gksxk] blds vykok vU; dksbZ HkRrk ns; ugh gksxkA

6 ¼ch½ xzke ikfjfLFkfrdh fodkl lfefr &

(1) lnL; lfpo de dks"kkf/kdkjh] vè;{k dh lgefr ls xzke ikfjfLFkfrdh fodkl lfefr dh vke lHkk dh cSBd vk;ksftr djsaxkA

(2) vke lHkk dh cSBd foRrh; o"kZ esa de ls de nks ckj gksaxhA

(3) vè;{k] xzke ikfjfLFkfrdh fodkl lfefr] cSBd dh vè;{krk djsaxkA vè;{k dh vuqifLFkfr esa fodkl lfefr ds ekStwn lnL; ¼ukfer lnL;ksa ds vykok½ vius esa ls fdlh ,d lnL; dk pquko cSBd dh vè;{krk gsrq djsaxsA

(4) vke lHkk dk dksje iwjk djus ds fy, ,d frgkbZ lnL;ksa dh mifLFkfr vfuok;Z gksxhA

(5) lnL; lfpo de dks"kkf/kdkjh dks oksV Mkyus dk vf/kdkj ugh gksxkA bl izdkj Lo;a lsoh laLFkk dk izfrfuf/k ;fn xzke ikfjfLFkfrdh fodkl lfefr dk lnL; ugh gks rks oksV Mkyus dk vf/kdkjh ugh gksxkA

(6) lnL; lfpo de dks"kkf/kdkjh] cSBd dk dk;Zo`Rr la/kkfjr djsxkA

(7) lEcfU/kr jkft vf/kdkjh] xzke ikfjfLFkfrdh fodkl lfefr dh vke lHkk dh cSBd dk i;Zos{kd gksxkA

(8) lnL; lfpo de dks"kkf/kdkjh xzke ikfjfLFkfrdh fodkl lfefr ds lnL;ksa dk vko';d fooj.k ,d jftLVj esa la/kkfjr djsxkA tSls&uke] firk@ifr dk uke] mez] ifjokj ds lnL;ksa dh la[;k vkfnA

(9) lnL; lfpo de dks"kkf/kdkjh ,d dk;Zo`Rr iqfLrdk dk j[k j[kko djsaxs ftlesa okf"kZd vke lHkk dh cSBd ds dk;Zo`Rr vfHkfyf[kr fd;s tk;saxsA tks vè;{k rFkk lnL; lfpo de dks"kkf/kdkjh }kjk gLrk{kfjr gksaxsA

(10) xzke ikfjfLFkfrdh fodkl lfefr vU; lHkh vfHkys[kksa dk la/kkj.k djsxh rFkk lHkh fooj.k@ lwpuk;sa tSlk izkfo/kfur gS] izLrqr djsaxhA

6 ¼lh½ xzke ikfjfLFkfrdh fodkl lfefr dh dk;Zdkjh lfefr &

(1) dk;Zdkjh lfefr dk pquko] xzke ikfjfLFkfrdh fodkl lfefr dh vke lHkk dh cSBd vk;ksftr djsxkA

(2) lnL; lfpo de dks"kkf/kdkjh] vè;{k dh lgefr ls dk;Zdkjh lfefr dh cSBd vk;ksftr djsxkA

(3) dk;Zdkjh lfefr dh cSBd dk dksje iwjk djus ds fy, rhu pqus gq, dk;Zdkjh lfefr ds lnL;ksa dh la[;k vko';d gksxhA

(4) dk;Zdkjh lfefr dh cSBd izR;sd nks ekg esa de ls de ,d ckj gksxhA

(5) cjkcj gksus dh n'kk esa gh lfefr ds vè;{k oksV Mkysaxs ;|fi mudk oksV fu.kZk;d oksV gksxkA

(6) lnL; lfpo de dks"kkf/kdkjh dks oksV Mkyus dk vf/kdkj ugh gksxk vykok ;fn og xzke ikfjfLFkfrdh fodkl lfefr dk lnL; u gksA

(7) dk;Zdkjh lfefr esa e`R;q] R;kxi= vFkok vU; dkj.kksa ls gksus okyh vkdfLed fjfDr;ksa dh HkrhZ] dk;Zdkjh lfefr ds lg;kstu ds vuqlkj dh tk ldrh gSA ,d lgk;ksftr lnL;] dh dk;Z vof/k fjDr gksus dh frfFk ds ckn vo'ks"k vof/k gsrq gksxhA R;kxi= nsus ds fy, ,d ekg dh vfxze lwpuk nsuh gksxhA

(8) lnL; lfpo de dks"kkf/kdkjh cSBd ds dk;Zo`Rr dk la/kj.k djsxkA

7 & lfefr;ksa ds dk;Z ,oa nkf;Ro &

7 ¼,½ lajf{kr {ks= Lrjh; ikfjfLFkfrdh fodkl lfefr &

(1) ikfjfLFkfrdh fodkl dk;ZØe ds fy;s leFkZu gsrq vk/kkj rS;kj djukA

(2) lajf{kr {ks= Lrj ij fofHkUu foHkkxksa ds chp lkeUtL; LFkkfir djuk ftlls fd lsokvksa ds fØ;kUo;u esa mPp xq.koRRkk lqfuf'pr gks ldsA

(3) lajf{kr {ks= izkf/kdkfj;ksa dks lajf{kr {ks= Lrjh; ikfjfLFkfrdh fodkl ;kstuk fu:i.k esa lykg miyC/k djukA ;g fofHkUu

fo"k;ksa ij lykg nsxk tSls fd lajf{kr {ks= ds pkjksa vksj Hkwfe mi;ksx i)fr;ksa] fodkl ,oa 'kgjhdj.k] oU; tUrqvksa ds fy;s xfy;kjk@ekxZ] lajf{kr {ks= lalk/kuksa ij LFkkuh; ncko] i;ZVu] iznw"k.k dk izHkko vkSj oU; tUrqvksa ls ekuo thou ,oa lEifRr dh lqj{kk gsrq mik; vkfnA

(4) xzke Lrjh; ikfjfLFkfrdh fodkl dk vuqJo.k ,oa leh{kk djukA

(5) ikfjfLFkfrdh fodkl fØ;kdykiksa ds foLrkj gsrq vfrfjDr lalk/kuksa dks miyC/k djkus esa lgk;rk djukA

(6) fofHkUu LokfeRo/kkfj;ksa dh ;kstukvksa ,oa fØ;kdykiksa esa lajf{kr {ks= ds dk;ksZ dks 'kksf/kr djukA

(7) lajf{kr {ks= ds vkSj vf/kd laj{k.k ,oa lq/kkj gsrq mik; dk fu/kkZkj.k djukA

7 ¼ch½ xzke ikfjfLFkfrdh fodkl lfefr &

(1) vè;{k xzke ikfjfLFkfrdh fodkl lfefr ds ekè;e ls ikfjfLFkfrdh fodkl fØ;kdykiksa ds fØ;kUo;u gsrq lEcfU/r ou laj{kd ds chp QkeZ ,d esa fu/kZkfjr izi= esa vuqcU/k djukA

(2) dk;Zdkjh lfefr ds lnL;ksa dk pquko djukA

(3) ekbØksIyku ds fu:i.k ,oa okf"kZd ;kstuk fØ;kUo;u esa lgk;rk djukA

(4) vke lHkk dh cSBd esa ikfjfLFkfrdh fodkl fØ;kdykiksa ij foLr`r fopkj&foe'kZ djuk] ykHkksa ds cWaVokjs ds ckjs esa foLr`r

fopkj&foe'kZ djuk vkfn vkSj izcU/kd lajf{kr {ks= ds vuqeksnukFkZ izLrqr fd;s tkus okys ikfjfLFkfrdh fodkl gsrq ekbØksIyku dks vaxhd`r djukA ekbØksIyku 5 o"kZ dh vof/k dk gksxkA

(5) vuqeksfnr ekbØksIyku ds vk/kkj ij okf"kZd ;kstuk fØ;kUo;u ;kstuk dk fu:i.k djuk vkSj blds fØ;kUo;u esa lgk;rk iznku djukA

(6) lnL;ksa ,oa vU; lzksrksa ls izkIr tek /kujkf'k ls cuh lkekU; fuf/k gsrq cSad@ iksLV vkfQl esa ,d [kkrk [kksyk tk;sxkA dk;Zdkjh lfefr ds fyf[kr ladYi ds vuqlkj lkekU; fuf/k [kkrk vè;{k ,oa lnL; lfpo de dks"kkf/kdkjh }kjk la;qDr :i ls lapkfyr gksxkA bu ys[kksa ls fudkyh ,oa tek dh xbZ /kujkf'k dk ys[kk&tks[kk xzke ikfjfLFkfrdh fodkl lfefr dh izR;sd okf"kZd vke lHkk dh cSBd esa vuqeksnukFkZ izLrqr fd;k tk;sxkA

(7) xzke ikfjfLFkfrdh fodkl lfefr ds lnL;ksa dk xBu la;qDr :i ls ou foHkkx ds deZpkfj;ksa ds ekè;e ls ou ds vUnj rFkk ckgj jg jgs ou ,oa oU; tUrqvksa dh lqj{kk esa lgk;rk iznku djukA

(8) ou deZpkfj;ksa dks ,sls O;fDr;ksa dh lwpuk nsuk tks tkucw> dj vFkok fo}s"kiw.kZ Hkkouk ls ou ,oa oU; tUrqvksa dks {kfr igWaqpk jgs gksaA

(9) ou foHkkx deZpkfj;ksa ds lkFk la;qDr :i ls vfrØe.k] vukf/kdkj pjkbZ] vkx] pksjh] voS/k f'kdkj] {kfr ;k oU; tho

vf/kfu;e ds izkfo/kuksa ds mYya?ku dks jksdus esa lgk;rk iznku djukA

7 ¼lh½ xzke ikfjfLFkfrdh fodkl lfefr dh &

(1) izd`fr laj{k.k] lrr~ fodkl] izkd`frd lalk/kuksa ds mi;ksx] vkSj tSo fofo/krk laj{k.k vkfn ds egRo ij xzkeh.kksa esa tkx:drk@psruk iSnk djukA

(2) xzke ikfjfLFkfrdh fodkl lfefr ds izR;sd lnL; dks lajf{kr {ks= lalk/kuksa dh lqj{kk ds lkFk&lkFk xzke ikfjfLFkfrdh fodkl lfefr ds vU; nkf;Roksa dks iwjk djus esa lfEefyr djukA

(3) xzke ikfjfLFkfrdh fodkl lfefr ds dk;Z{ks= esa okfudh lEcU/kh lHkh dk;ksZ dks lqpk: :i ls ,d le; ls fØ;kUo;u esa ou&foHkkx dfeZ;ksa dks lgk;rk iznku djukA

(4) ou dfeZ;ksa ,oa xzke ikfjfLFkfrdh fodkl lfefr dks okfudh dk;ksZ gsrq Jfedksa dks yxkus ,oa pquko esa lgk;rk iznku djukA

(5) xzke dk ikfjfLFkfrdh fodkl ekbØksIyku ,oa okf"kZd fØ;kUo;u ;kstuk cukus esa lgk;rk iznku djuk vkSj fu/kkZfjr le; vof/k ds vUnj xzke ikfjfLFkfrdh fodkl lfefr dh vke cSBd esa vaxhd`r ;kstuk dks izcU/kd lajf{kr {ks= ds vuqeksnukFkZ izLrqr djukA

(6) izfr o"kZ fu/kkZfjr le; lhek esa lfefr;kWa iathdj.k vf/kfu;e 1860 ds izkfo/kuksa ds vUrxZr fuca/kd lfefr dks lnL;ksa ds uke] irk] O;olk; dh lwph izLrqr djukA

(7) ikfjfLFkfrdh fodkl dk;ZØe dk lqpk: :i ls fØ;kUo;u lqfuf'pr djuk] ftlls fd xzke ikfjfLFkfrdh fodkl lfefr ds lnL;ksa dks vf/kdkf/kd ykHk fey ldsaA

(8) ;g lqfuf'pr djuk fd 'kklu }kjk vuqeU; ikfjfLFkfrdh fodkl fuf/k ,oa mRikn ykHk] ykHkkfFkZ;ksa dks fcuk fdlh xfrjks/k ds izkIr gksrk jgsA

(9) fu/kkZfjr rjhds ls fØ;kdykiksa ,oa ys[kk vfHkys[kksa dk la/kkj.k djuk ,oa izkf/kd`r O;fDr dks mls miyC/k djkukA

(10) ,sls lnL; ds ckjs esa lEcfU/kr jkft vf/kdkjh@ou njksxk@ou j{kd dks lwfpr djuk ftldh xfrfof/k;kWa voS/kkfud ,oa @;k ou@oU; tUrqvksa ds fy, gkfudkjd gks] ,sls lnL;ksa dh lnL;rk Hkh lekIr gks ldrh gSA

(11) ,slh xfrfof/k;ksa dks fu;fU=r djuk tks vf/kfu;e] le;≤ ij la'kksf/kr oU; tUrq vf/kfu;e ds izkfo/kuksa ds izfrdwy gksA

(12) lajf{kr {ks= vf/kdkfj;ksa dks vf/kfu;e@fu;eksa ds vUrxZr vijkf/k;ksa] xzke ikfjfLFkfrdh fodkl lfefr ds iFkHkz"V lnL;ksa ds f[kykQ dk;Zokgh esa enn djukA

8 & izsjd ny &

eq[; ou tho laj{kd }kjk izR;sd lajf{kr {ks= gsrq ikfjfLFkfrdh fodkl iszjd ny dk xBu fd;k tk;sxkA ;g iszjd ny xzkeh.kksa dks xzke ikfjfLFkfrdh fodkl lfefr ds xBu rFkk ikfjfLFkfrdh fodkl ds dk;ZØe ds fØ;kUo;u gsrq iszfjr djsxkA

iszjd ny ds usrk lgk;d ou laj{kd gksxs rFkk iszjd ny esa jkft vf/kdkjh@ miou jsatj] nks LFkkuh; Lo;a lsoh laLFkk ds izfrfuf/k ¼,d efgyk ,oa ,d iq:"k½ ,oa LFkkuh; ou j{kd gksaxsA

9 & ikfjfLFkfrdh fodkl fØ;kdyki &

(1) dk;Zdkjh lfefr iszjd ny dh lgk;rk ls xzke ikfjfLFkfrdh fodkl lfefr ds lnL;ksa dks 'kkfey djrs gq, lgHkkfxrk ds vuqlkj ,d ekbØksIyku cuk;sxkA

(2) lkeqnkf;d ,oa O;fDrxr ykHk gsrq fu/kkZfjr foRrh; lhek ds vUrZxr LFkku fo'ks"k ,oa vko';drk ds vuq:i dk;ZØe fu/kZfjr fd;s tk;saxsA

(3) izR;sd p;fur ikfjfLFkfrdh fodkl dk;ZØe] tSo&fofo/krk laj{k.k ls izR;{k vFkok ijks{k :i ls tqM+k gksxk] ftldk mYys[k rnuqlkj ekbØksIyku esa gksxkA

(4) xzke ikfjfLFkfrdh fodkl lfefr dh vke cSBd esa ekbØksIyku vaxhd`r fd;k tk;sxk rRi'pkr~ vuqeksnukFkZ izcU/kd lajf{kr {ks= dks izLrqr fd;k tk;sxkA

(5) ekbØksIyku dk ijh{k.k ikfjfLFkfrdh fodkl lEcU/kh fu/kkZfjr uhfr funsZ'kksa ,oa fuos'k ekudksa ds vuqlkj fd;k tk;sxk o izcU/kd lajf{kr {ks= }kjk vuqeksfnr fd;k tk;sxkA

(6) dk;Zdkjh lfefr vuqeksfnr ekbØksIyku ds vuqlkj izfro"kZ okf"kZd fØ;kUo;u ;kstuk cuk;sxh vkSj flrEcj ds izFke fnol ls iwoZ izcU/kd lajf{kr {ks= dks izLrqr djsaxhA

10 & /kujkf'k &

bl ladYi ds v/khu ikfjfLFkfrdh fodkl fØ;kdykiksa gsrq xzke ikfjfLFkfrdh fodkl lfefr /kujkf'k dh O;oLFkk djsxhA tgkWa rd lEHko gks lds /kujkf'k dh O;oLFkk 'kkldh; ,oa v'kkldh; lzksrks ls dh tk;sxh ftlesa xzke leqnk; rFkk O;fDrxr ;ksxnku Hkh 'kkfey gksaxsA

'kklu }kjk ikfjfLFkfrdh fodkl gsrq /kujkf'k miyC/k gksus dh fLFkfr esa ;g izcU/kd lajf{kr {ks= }kjk fdLrksa esa le;≤ ij ykxw lqlaxr 'kkldh; vkns'kksa ds vuqlkj tkjh dh tk;sxhA

11 &ys[kk dk la/kkj.k &

(1) en la0 10 esa of.kZr /kujkf'k rFkk vU; lHkh lzksrksa ls izkIr /kujkf'k lEcfU/r xzke ikfjfLFkfrdh fodkl lfefr ds uke jk"Vªh;d`r cSad@iksLV vkfQl esa tek dh tk;sxhA mDr [kkrk vè;{k ,oa lnL; lfpo de dks"kkf/kdkjh }kjk la;qDr :i ls lapkfyr gksxkA

(2) xzke ikfjfLFkfrdh fodkl lfefr ds iwoZ vuqeksnu ds ckn gh [kkrs ls /kujkf'k vkgfjr dh tk;sxh vkSj O;; fooj.k xzke ikfjfLFkfrdh fodkl lfefr dks vxyh cSBd esa izLrqr fd;k tk;sxkA

(3) /kujkf'k dks ys[kk&tks[kk ,oa O;; izfØ;k le;≤ ij tkjh 'kkldh; vkns'kksa ds vuqlkj gksxkA

12 & ys[kk ,oa ys[kk ijh{kk &

xzke ikfjfLFkfrdh fodkl lfefr mfpr ys[kk ,oa vU; lqlaxr vfHkys[k j[ksxh vkSj ljdkj ds funsZ'kksa ds vuqlkj ys[kk dk ,d okf"kZd fooj.k rS;kj djsxhA

13 & ykHk dh fgLlsnkjh &

(1) ekbØksIyku ds vUrxZZr lapkfyr lHkh fØ;kdykiksa dh ykxr dk ,d pkSFkkbZ fgLlk xzke leqnk; }kjk ogu fd;k tk;sxkA leqnk; }kjk lg;ksx&lkekxzh ¼Hkwfe vkfn½] Je ;k dqN vof/k fo'ks"k ds fy;s vius vf/kdkjksa dk LFkxu vkfn :i esa gks ldrk gSA

(2) O;fDrxr ykHkkfFkZ;ksa dks xzke ikfjfLFkfrdh fodkl lfefr }kjk vfxze ;k _.k fn;k tk ldrk gSA Hkqxrku dh 'krsZ izR;sd xzke ikfjfLFkfrdh fodkl lfefr }kjk fu/kkZfjr dh tk;sxhA

(3) O;fDrxr ykHkkFkhZ }kjk ykxr dk de ls de 25 izfr'kr O;; Lo;a ogu fd;k tk;sxkA O;fDrxr ykHkkFkhZ dks fdlh Hkh n'kk esa xzke ikfjfLFkfrdh fodkl lfefr dsk dqy iWwathfuos'k dk 5 izfr'kr ls vf/kd dh /kujkf'k ugh nh tk;sxhA

(4) fdlh Hkh O;fDr dks nwljk vfxze@_.k rc rd ugh fn;k tk;sxk tc rd fd mlds }kjk iwoZ vfxze@_.k dks iwjk tek u dj fn;k x;k gks rFkk lHkh 'krksZ dk iw.kZ ikyu fd;k x;k gksA

(5) xzke ikfjfLFkfrdh fodkl lfefr ys[kksa esa iquZtek dh xbZ /kujkf'k ds vkoZrh /ku O;oLFkk LFkkfir gksxh ftlls fd leqnk; ds yksxks dks iqu% foRrh; lgk;rk nh tk lds vkSj nh?kZdkyhu foRrh; fujUrjrk ds dk;ZØe lqfu'fpr fd;s tk ldsaA

(6) lajf{kr {ks= ls izkIr dsoy mUgh mRiknksa dk forj.k fd;k tk;sxk ftudks le;≤ ij vuqeU; fd;k x;k gks rFkk forj.k xzke ikfjfLFkfrdh fodkl lfefr dh vke lgefr ds vk/kkj ij fd;k tk;sxk vkSj bldk lekos'k vuqeksfnr ekbØksIyku esas fd;k tk;sxkA

14 & lnL;rk dh lekfIr ,oa@;k xzke ikfjfLFkfrdh fodkl lfefr dks Hkax djuk &

(1) xzke ikfjfLFkfrdh fodkl lfefr esa Vdjko dh fLFkfr esa ikfjfLFkfrdh fodkl vf/kdkjh] izcU/kd lajf{kr {ks= Vdjko dks lekIr djus gsrq vko';d dne mBk;saxsA

(2) vf/kfu;e] oU; tho vf/kfu;e ;k mlds vUrxZRk cus fdlh Hkh fu;e] 'krksaZ ,oa izkfo/kuksa ds mYya?ku dh fLFkfr esa izcU/kd lajf{kr {ks= dh laLrqfr ij lfefr;kWa iathdj.k vf/kfu;e 1860 dh /kkjk 15 ds v/hu lnL;rk lekIr dh tk ldrh gS vkSj @;k /kkjk 13] 13v] 13c ds v/khu Øe'k% dk;Zdkjh lfefr xzke ikfjfLFkfrdh fodkl lfefr Hkax dh tk ldrh gSA

15 & fofo/k fo"k; &

(1) lEcfU/r xzke iapk;r xzke ikfjfLFkfrdh fodkl lfefr dks lqpk: dk;Z lapkyu gsrq vko';dr lg;ksx ,oa lgk;rk iznku djsxhA

(2) QkeZ&2 ,oa QkeZ&3 esa Øe'k% eseksjsUMe vkWaQ ,'kksfl;s'ku ,oa xzke ikfjfLFkfrdh fodkl lfefr ds fu;e layXu gSA

vkKk ls
izeq[k lfpo ¼ou½
m0 iz0 'kklu

lkzi=&1

¼7&ch&mRrj izns'k 'kkldh; ikfjfLFkfrdh ladYi ns[kas½

mRrj izns'k ds egkefge jkT;iky vkSj xzke ikfjfLFkfrdh fodkl lfefr ds chp le>kSrk

vkt fnukad &&&&&&&&&&&ekg &&&&&&&&&&o"kZ&&&&&&&&& dks ou laj{kd ¼ftldks vkxs ou laj{kd dgk x;k gS½ ds ekè;e ls mRrj izns'k ds jkT;iky vkSj &&&&&&&&&&& xzke ikfjfLFkfrdh fodkl lfefr ¼ftldks ykHkkFkhZ dgk tk;sxk½ ds chp le>kSrk gqvkA ykHkkFkhZ us ou laj{kd ls vuqjks/k djrs gq, mRrj izns'k 'kkldh; ikfjfLFkfrdh ladYi 1988 ds izkfo/kuksa ds vUrxZr vius xkao esa ikfjfLFkfrdh fodkl dk;ZØe esa Hkkx ysus esa lgefr O;Dr fd;k gS vkSj ,d vksj ou laj{kd dks mfpr ,oa i;kZIr tkap ij[k ds ckn larks"k izdV fd;k gS vkSj vc ou laj{kd vkSj ykHkkFkhZ vkilh fo'okl ,oa izfrHkwfr tks fd bl le>kSrs ds miycU/ksa dks ikyu djus esa fufgr gS] ds vuqlkj lger gS] fuEu izdkj gS%&

1& ;g fd ykHkkFkhZ mRrj izns'k 'kkldh; ikfjfLFkfrdh fodkl ladYi vkSj mlls lEcfU/kr funsZ'kksa@vkns'kksa@fu;eksa tks cuk;s x;s gS] ds vuqlkj ikfjfLFkfrdh fodkl dk;ZØe pykus ds fy, rS;kj gSaA

2& ;g fd le>kSrk gLrk{kj ds fnukad ls ikap lky dh vof/k rd ds fy, oS/k gksxk ;k Hkfo"; es ykHkkFkhZ vkSj ou laj{kd ds vkilh lgefr ds vk/kj ij vkxs tkjh j[kk tk;sxkA

3& ;g fd ykHkkFkhZ mls vkoafVr dk;ksZ ,oa nkf;Roksa dks Lohdkj djrs gS vkSj mlds iwjk djus dk opu nsrs gS rFkk ,slk dksbZ dk;Z ugh

djsaxs tks mRrj izns'k dh ifjfLFkfrdh fodkl izLrko 1997 vkSj dksbZ vU; lEcf/kar vkns'kksa@fu;eks@'kklu@ds funsZ'kksa ds fo:} gksA

4& ;g fd ;fn ykHkkFkhZ ikjLifjd lgefr fdlh dk;ZØe ds lapkyu@nkf;Ro iw.kZ djus esa vlQy gks tkrk gS ;k dksbZ vU; dk;Z ftldks djus ds fy, ykHkkFkhZ ckè; gks] dks djus esa vlQy gks tkrk gS rks ou laj{kd vius foosdkuqlkj ikfjfLFkfrdh dk;ZØe ds fdlh ,d ;k leLr dk;ksZ dks foHkkxh; :i ls lEiUu djk;sxk vkSj ykHkkFkhZ dks ,sls fdlh dk;Z dk Hkqxrku ugh fd;k tk;sxk] c'krsZ blds fy, i;kZIr dkj.k gkssa vkSj os lajf{kr {ks= ds ikfjLFkfrdh fodkl lfefr] tks mRrj izns'k 'kkldh; ikfjfLFkfrdh fodkl ladYi ds vUrxZr xfBr gks] ds }kjk iw.kZr;k fyf[kr ,oa vuqeksfnr gks A

5& mRrj izns'k 'kkldh; ikfjfLFkfrdh fodkl ladYi lgefr i= dk ,d Hkkx cusxkA bldh izfr;ksa dks ge yksxksa }kjk izR;sd i`"B ij lk{; ds fy, fd gekjs }kjk 'kCnksa dks i<+ dj iw.kZr;k le> fy;k x;k gS vkSj ge bl ij fyf[kr leLr 'krksZ ,oa miyC/kksa dks Lohdkj djrs gS] layXu dh tkrh gS A

6& ;g fd lHkh izdkj ds mRiUu fooknksa ,oa erHksnksa tks fdlh izdkj bl le>kSrs dks lfEefyr djsaxs ;k blls lEc) gksaxs] dks lEcf/kr eq[; ou laj{kd ds fu.kZ; ds fy, Hkstk tk;sxk A fu.kkZ;d dh vuq'kalk vfUre gksxh vkSj nksuksa i{k ekuus ds fy, ckè; gksaxs A

7& bl le>kSrs ls lEcaf/kr i{kksa dks fn;s x;s fu/kZfjr izi=ksa esa lk{; ds :i esa fnukafdr] eqgj lfgr gLrk{kj vafdr gksxk A

vuqlwph &1

1- xzke ikfjfLFkfrdh fodkl lfefr dk uke %

2- lajf{kr {ks= dk uke %

3- ftyk %

4- rglhy %

5- Mkd?kj@iqfyl Fkkuk %

6- ou {ks= %

7- xzke dh oS/kkfud fLFkfr %

8- {ks=Qy %

xzke ikfjfLFkfrdh fodkl lfefr ds vè;{k dk gLrk{kj

Øa0 la0 uke vkSj irk **xokgksa ds gLrk{kj**

gLrk{kj

ou laj{kd ds gLrk{kj

uke % **gLrk{kj**

izi=&2

xzke ikfjfLFkfrdh fodkl lfefr

la?k dk Kkiu

1- uke % lfefr dk uke &**^xzke ikfjfLFkfrdh fodkl lfefr^**

2- dk;kZy; % lfefr dk iathd`r dk;kZy; xzke &&&&&&& Fkkuk &&&&&&& iksLV &&&&&& rglhy &&&&&&ftyk &&&&&&&&m0 iz0 esa fLFkr gksxkA

3- dk;Z {ks= % xzke &&&&&& ¼tgkW lfefr LFkkfir gS½

4- izd`fr % lfefr xzke ds ikfjfLFkfrdh fodkl dk;ksZ dks lEiUu djus ds fy, ,d Lok;r'kklh laLFkk gS A

5- y{; ,oa mn~ns'; % lfefr ftu y{;ksa dks izkIr djsu ds fy;s LFkkfir dh xbZ gS ;g fuEu izdkj gS %&

1& tSo fofo/krk laj{k.k esa tu lg;ksx lqfuf'pr djuk A

2& lajf{kr {ks= ij LFkkuh; tu ds izfrdwy izHkko dks de djuk A

3& lajf{kr {ks= ds vUrxZr rFkk lehiorhZ {ks=ksa ds LFkkuh; tu ds thodksiktZu ds lk/kuksa esa vko';d gLr{ksi djuk rFkk oSdfYid lalk/ku miyC/k djkdj lajf{kr {ks=ksa ds lalk/ku lqjf{kr djuk A

4& lajf{kr {ks= ds tSo fofo/krk ds laj{k.k ds mn~ns';ksa ds vuqdwy Hkwfe mi;ksx dks izksRlkgu nsuk

5& lajf{kr {ks= rFkk mlds vUrxZr LFkkuh; tu ds eè; ikjLifjd la?k"kZ dks de djukA

6& ikfjfLFkfrdh fodkl dk;ZØeksa ekè;e ls nh?kZdky rd tkjh j[kus ;ksX; fodkl izfØ;k dh ;kstuk cukus rFkk

mUgsa fØ;kfUor djus dh {kerk LFkkuh; tuksa esa fodflr djuk A

7& ,slk dksbZ vU; dk;ZØe tks mijksDr dk;ZØeksa dk lgk;d gks] dks lapkfyr djukA

6- dk;Zdkjh lfefr %

fuEu lnL;ksa ls ;qDr dk;Zdkjh lfefr dk iathdj.k] lfefr iathdj.k vf/kfu;e 1860 ds vUrZxr bl lfefr ds izcU/ku ds fy, gksxk A

Øa0 la0	in uke vkSj irk	Lrj	is'kk
1		vè;{k	
2		lnL;	
3		lnL;	
4		lnL;	
5		lnL;	
6		lnL;&lfpo jktdh; de&dks"kkè;{k	
7		izfrfuf/k	

7- lfefr dh LFkkiuk %

ge v/kksgLrk{kjh] ftudk is'kk vkSj irk fuEufyf[kr gS] ,d lfefr dk lfefr iathdj.k] vf/kfu;e 1860 ds vUrZxr ,d lfefr ds :i esa iath;u dj fuekZ.k djuk pkgrs gS] ftlls la?k ds Kkiu ds mn~ns';ksa dh iwfrZ gks ldas A

Ø0 la0	uke	in uke vkSj irk	gLrk{kj
1			
2			

izi= & 3

xzke ifjfLFkfrdh fodkl lfefr

fu;e %&

1- uke **%** lfefr dk uke xzke ikfjfLFkfrdh fodkl lfefr gksxkA

2- dk;kZy; **%** lfefr dk iathd`r dk;kZy; xzke &&&&&& Fkkuk &&&&&&& ftyk &&&&&&& m0 iz0 esa fLFkr gksxkA

3- dk;Z {ks= **%** xzzke &&&&&&&&&& ¼ tgkW lfefr LFkkfir gS ½

4- izd`fr **%** lfefr xzke ds ikfjfLFkfrdh fodkl dk;ksZ dks lEiUu djus ds fy, ,d Lok;r'kklh laLFkk gS A

5- y{; ,oa mn~ns'; **%** lfefr ftu y{;ksa dks izkIr djus ds fy;s LFkkfir dh xbZ gS ;g fuEu izdkj gS %&

1& tSo fofo/krk laj{k.k esa tu lg;ksx lqfuf'pr djukA

2& lajf{kr {ks= ij LFkkuh; tu ds izfrdwy izHkko dks de djuk A

3& lajf{kr {ks= ds vUrZxr rFkk lehiorhZ {ks=ksa ds LFkkuh; tu ds thodksiktZu ds lk/kuksa esa vko';d gLr{ksi djuk rFkk oSdfYid lalk/ku miyC/k djkdj lajf{kr {ks=ksa ds lalk/ku lqjf{kr djuk A

4& lajf{kr {ks= ds tSo fofo/krk ds laj{k.k ds mn~ns';ksa ds vuqdwy Hkwfe mi;ksx dks izksRlkgu nsuk A

5& lajf{kr {ks= rFkk mlds vUrxZr LFkkuh; tu ds eè; ikjLifjd la?k"kZ dks de djuk A

6& ikfjfLFkfrdh fodkl dk;ZØeksa ds ekè;e ls nh?kZdky rd tkjh j[kus ;ksX; fodkl izfØ;k dh ;kstuk cukus rFkk mUgsa fØ;kfUor djus dh {kerk LFkkuh; tuksa esa fodflr djukA

7& ,slk dksbZ vU; dk;ZØe tks mijksDr dk;ZØeksa dk lgk;d gks] dks lapkfyr djuk A

6- ifjHkk"kk,W %

1& vf/kfu;e dk rkRi;Z mRrj izns'k esa viuh izd`fr ds lEcU/k esa ;Fkk la'kksf/kr Hkkjrh; ou vf/fu;e 1927 ls gSSA

2& vè;{k dk rkRi;Z xzke ikfjfLFkfrdh fodkl lfefr vkSj xzke ikfjfLFkfrdh fodkl lfefr dh dk;Zdkjh lfefr ls gSA

3& dk;Zdkjh lfefr ls rkRi;Z lkr lnL;h; lfefr vkSj ftlesa vè;{k 'kkfey gS] ls gSA tks bl ladYi ds v/khu xfBr xzke ikfjfLFkfrdh fodkl lfefr ds iz'kklfud vkSj izcU/k lEcU/kh nkf;Roksa dk fuoZgu djsxhA

4& ou vf/kdkjh dk rkRi;Z ml O;fDr ls gS ftls jkT; ljdkj ds Hkkjrh; ou vf/kfu;e 1927 ds lHkh vFkok fdlh Hkh mn~ns';kssa ds fØ;kUo;u gsrq fu;qDr fd;k gks A

5& ou njksxk ls rkRi;Z ,slh Js.kh ds O;fDr ls gS tks lEc) vf/kdkjh ds :i esa ;k tks ou jsat ds vUrZxr lsD'ku ds i;Zos{k.k dk;ksZ dks djrk gSA

6& 'kklu dk rkRi;Z mRrj izns'k 'kklu ls gSA

7& xzke lHkk] xzke iapk;r] iz/kku] mi iz/kku vkSj xzke ds vFkZ ogh gksxsa tks muds fy, la;qDr izkUr iapk;r jkT; vf/kfu;e 1947 eas Øe'k% fn, x, gSA

8& fn'kk&funsZ'k ls rkRi;Z ikfjfLFkfrdh fodkl gsrq 'kklu ds fn'kk&funsZ'k ls gSA

9& ifjokj dk vFkZ ,d bdkbZ ds :i esa ?kj esa jg jgs vf/kokfl;ksa ls gSA

10& lnL; dk rkRi;Z xzke ikfjfLFkfrdh fodkl lfefr ds lnL; ls gSA

11& ekbØksIyku ls rkRi;Z xzke Lrj izca/ku gsrq ikfjfLFkfrdh fodkl fØ;k dykiksa dh ;kstuk ls gSA

12& lajf{kr {ks= ls rkRi;Z jk"Vªh; miou] oU; tho fogkj ,oa ck;ksLQs;j fjtoZ ls gSA

13& ljaf{kr {ks= izcU/kd dk vFkZ eq[; oU; tho laj{kd }kjk ukfer lajf{kr {ks= ds izHkkjh ou vf/kdkjh ls gSA

14& ifj;kstuk ls rkRi;Z mRrj izns'k okfudh ifj;kstuk ls gSA

15& ifj;kstuk bdkbZ dk rkRi;Z mRrj izns'k okfudh ifj;kstuk dh ifj;kstuk bdkbZ ls gSA

16& jsat vf/kdkjh dk rkRi;Z dk;Zdkjh bdkbZ ds izHkkjh vf/kdkjh ls gSaA

17& ladYi ls rkRi;Z ikfjfLFkfrd fodkl ds jktdh; ladYi ls gSA

18& lfefr dk rkRi;Z ikfjfLFkfrdh fodkl lfefr ls gS A

19& xzke ikfjfLFkfrdh fodkl lfefr dk rkRi;Z ikfjfLFkfrdh fodkl ds 'kkldh; ladYi esa mfYyf[kr xzke Lrj ij xfBr lfefr ls gSA

20& oU; tho vf/kfu;e dk rkRi;Z oU; tho laj{k.k vf/kfu;e 1972 vkSj blds la'kks/kuksa ,oa fu;eksa ls gS tks mRrj izns'k esa blds iz;ksx ds fy, cus gSA

21& o"kZ dk vFkZ 1 vizSy ls 31 ekpZ dh vof/k ls gS] tks dk;Zdkjh lfefr }kjk fucU/kd dh igys dh Lohd`fr ls izLrkfor gSA

7- lajpUkk %

xzkeh.k ikfjfLFkfrdh fodkl lfefr dk fuekZ.k xzke ds ifjokj ftudh :fp lajf{kr {ks= dh lqj{kk ,oa fodkl esa gS] }kjk ukfer lnL;ksa vkSj lfefr ds insu lnL;ksa ls feydj gksrk gSA lajf{kr {ks= izcU/kd }kjk ukfer lnL; ;Fkk&lnL;] lfpo] dks"kkè;{k vkSj LoSfPNd laxBu lnL; insu lnL; gksxsa A

8- dk;Zdkjh lfefr %

1& xzke ikfjfLFkfrdh fodkl lfefr ds vUrZxr lkr lnL;ksa dh ,d dk;Zdkjh lfefr gksxh] ftlds vè;{k lesr ikWp lnL;ksa dk pquko izR;sd rhu o"kZ ij xzke ikfjfLFkfrdh fodkl lfefr ds lnL;ksa }kjk fd;k tk;sxk A

2& buesa ls de ls de ,d lnL; vuqlwfprtkfr@tutkfr dk gksxkA

3& buesa ls de ls de ,d lnL; vU; fiNM+h tkfr dk gksxkA

4& pqus x;s ikWp lnL;ks es ls ,d dk pquko vè;{k ds :i esa fd;k tk;sxkA

5& lajf{kr {ks= izcU/kd ,d ou njksxk dks dk;Zdkjh lfefr dk insu lnL;&lfpo ,oa dks"kkè;{k ukfer djsxkA

6& lajf{kr {ks= izcU/kd ,d LoSfPNd laLFkk ds izfrfuf/k dks lfefr ds lnL; ds :i esa ukfer djsxk A

7& bl izdkj dk;Zdkjh lfefr dh lajpuk fuEu izdkj gksxh %&

¼v½ vè;{k& xzke ikfjfLFkfrdh fodkl lfefr dk vè;{k A

¼c½ lnL;& vuq0 tkfr@vuq0 tutkfr ds ¼xzke ikfjfLFkfrdh fodkl lfefr½ lnL;ks esa ls pquk gqvkA

¼l½ lnL;& xzke ikfjfLFkfrdh fodkl lfefr vU; fiNM+h tkfr ds lnL;ksa esa ls fuokZfprA

¼n½ lnL;& xzke ikfjfLFkfrdh fodkl lfefr ds efgyk lnL;ksa esa ls fuokZfpr

¼;½ lnL;& xzke ikfjfLFkfrdh fodkl lfefr ds efgyk lnL;ksa esa ls fuokZfpr

¼j½ lnL; lfpo de dks"kkè;{k& ou njksxk tks lajf{kr {ks= izca/kd }kjk ukfer gksxkA

¼y½ ,d LoSfPNd laLFkk ds izfrfuf/k ftldks lajf{kr {ks= izca/kd }kjk ukfer fd;k tk;sxk A

¼o½ tgkW vuqlwfpr tkfr@vuqlwfpr tutkfr@vU; fiNM+s oxZ dk dksbZ ifjokj ugh gksxk ogkW ij inksa dks lkekU; Js.kh ds ifjokjksa esa ls Hkjk tk;sxkA

9- O;olk; dh dk;Zfof/k%

¼v½ xzke ikfjfLFkfrdh fodkl lfefr %&

1& vè;{k dh lgefr ls lnL;&lfpr de dks"kkè;{k vke lHkk dh cSBd vkgwr djsxkA

2& vke lHkk dh cSBd o"kZ esa de ls de nks ckj vkgwr dh tk;sxh A

3& xzke ikfjfLFkfrdh fodkl lfefr dk vè;{k cSBd dh vè;{krk djsxkA vè;{k dh vuqifLFkfr esa dk;Zdkjh lfefr ds mifLFkr lnL;x.k ¼ukfer lnL;ksa dks NksM+dj½ cSBd dh vè;{krk gsrq mu lnL;ksa esa ls ,d O;fDr dk pquko djsaxsA

4& vke lHkk dh izR;sd cSBd ds fy, U;wure vko';d lnL;ksa dh la[;k dqy lnL;ksa dh la[;k ¼insu lnL;ksa dks NksM+dj½ ds ,d frgkbZ gksxhA

5& lnL;&lfpo de dks"kkè;{k dks er nsus dk vf/kdkj ugh gksxkA bl izdkj LoSfPNd laLFkk ds izfrfuf/k ¼lnL;½ dks Hkh er nsus dk vf/kdkj ugh gksxkA bl fLFkfr dks

NksM+dj fd og xzke ikfjfLFkfrdh fodkl lfefr dk lnL; gSA

6& lnL; lfpo de dks"kkè;{k cSBd dh dk;Zokgh dk j[k&j[kko djsxkA

7& lEcaf/kr jsat vf/kdkjh xzke ikfjfLFkfrdh fodkl lfefr dh vkelHkk dh cSBd dk i;Zos{kd gksxkA

¼c½ xzke ikfjfLFkfrdh fodkl lfefr dh dk;Zdkjh lfefr %&

1& vke lHkk dh cSBd esa izfr rhu o"kZ ij xzke ikfjfLFkfrdh fodkl lfefr dh dk;Zdkfj.kh dk pquko fd;k tk;sxkA

2& vè;{k dh lgefr ls lnL;&lfpo de dks"kkè;{k xzke ikfjfLFkfrdh fodkl lfefr dh dk;Zdkfj.kh dh cSBd vkgwr djsxk A

3& dk;Zdkfj.kh dh izR;sd cSBd gsrq U;wure vko';d lnL;ksa dh la[;k dk;Zdkfj.kh dh nks pqus lnL;ks ls iw.kZ dh tk;sxh A

4& lnL;&lfpo de dks"kkè;{k ds ekè;e ls ,d dk;Zokgh iqfLrdk tgkW xzke ikfjfLFkfrdh fodkl lfefr dh okf"kZd vke lHkk dh cSBdksa dh dk;Zokgh vè;{k vkSj lnL; lfpo de dks"kkè;{k ds gLRkk{kj ;qDr ladfyr dh tk;sxh] dk j[k&j[kko djukA

5& dk;Zdkfj.kkh ds lnL;ksa dk fuokZpu djukA

6& ekbØksIyku ,oa okf"kZd fØ;kuo;u ;kstuk ds fuekZ.k esa vko';d lg;ksx djuk A

7& vke lHkk dh cSBd es ikfjfLFkfrdh fodkl esa fd;s tkus okys ¼Hkkoh½ fØ;kdykiksa ,oa ykHkks ds fooj.k vkfn ij fopkj foe'kZ djuk ,oa ljaf{kr {ks= izcU/kd dh vuqefr ds fy, ikfjfLFkfrdh fodkl gsrq ekbØksIyku vuqeksnu gsrq fopkj foe'kZ djukA ekbØksIyku ikWp o”kZ dh vof/k ds fy, gksxkA

8& vuqeksfnr ekbØksIyku ij vk/kkfjr okf"kZd fØ;kUo;u Iyku dks xzg.k dks xzg.k djuk vkSj blds fØ;kUo;u esa lg;ksx djukA

9& lnL;ksa ,oa vU; {ks=ksa ls izkIr tek /kujkf'k dks jk”Vªh;d`r cSad@Mkd?kj ds ,d lkekU; dks"k esa j[k&j[kko ds fy;s tek djukA bl dks"k dk lapkyu dk;Zdkfj.kh }kjk fyf[kr izLrko ij vè;{k ,oa lnL; lfpo de dks"kkè;{k }kjk la;qDr :i ls fd;k tk;sxkA bl dks"k esa /kujkf'k tek djuk ,oa /kujkf'k fudkyus ds fooj.k dks okf"kZd vke lHkk dh cSBd esa vuqeksnu gsrq izLrko fd;k tk;sxk A

10& ouksa ,oa blesa fLFkr ,oa blds ckgj fLFkr oU;thoksa dh blds ;k la;qDr :i ls ou foHkkx ds deZpkfj;ksa dh enn ls lqj{kk esas lg;ksx djuk A

11& fdlh O;fDr@O;fDr;ksa }kjk ou {ks= es voS/k izos'k ,oa tkucw> dj ;k nq'euh o'k mijksDr ou@ouksa rFkk@;k oU; thoksa dks gkfu igqWpkus ds iz;klksa ds ckjs esa ou dehZ dks lwfpr djukA

12& ou foHkkx ds deZpkfj;kssa ds la;qDr iz;kl ls ouksa esa voS/k izos'k] vfrØe.k] pjkbZ vkx] voS/k f'kdkj] pksjh ;k oU; tho laj{k.k vf/kfu;e ds izkfo/kuksa dk mYya?ku ;k uqdlku igqWpkus dks jksduk vkSj mls jksdus esa vko';d lg;ksx djuk A

¼l½ xzke ikfjfLFkfrdh fodkl lfefr dh dk;Zdkj.kh %&

1& vU; xzkeh.kksa dks izkd`frd laj{k.k ds egRo] dkfeZd fodkl vkSj izkd`frd lalk/kuksa dk mi;ksx rFkk tSo fofo/krk laj{k.k dh vko';drk ds izfr tkx:d djukA

2& xzke ikfjfLFkfrdh fodkl lfefr ds izR;sd lnL; dks lajf{kr {ks= lalk/kuksa dh lqj{kk ds lkFk gh lkFk xzke ikfjfLFkfrdh fodkl lfefr }kjk fu/kZfjr vU; nkf;Roksa ds fuoZgu esa lyaXu djukA

3& xzke ikfjfLFkfrdh fodkl lfefr ds izR;sd fØ;kdyki {ks= esa fd;s tk jgs leLr okfudh dk;ksZ ds le;c) lqpk: :i ls fØ;kUo;u esa ou foHkkx ds deZpkfj;ksa dks lg;ksx iznku djuk A

4& okfudh dk;Z ds fy;s vko';d Je fu;kstu ds ckjs esa lEcfU/kr oukf/kdkfj;ksa ,oa xzke ikfjfLFkfrdh fodkl lfefr dks lgk;skx djukA

5& ikfjfLFkfrdh fodkl ekbØksIyku ,oa xzke ds okf"kZd fØ;kUo;u ;kstuk dks rS;kj djus esa lg;ksx djuk ,oa fu/kkZfjr le; lhek ds vUnj ekbØksIyku ,oa okf"kZd fØ;kUo;u ;kstuk] tks xzke ikfjfLFkfrdh fodkl lfefr dh vke lHkk }kjk Lohdkj fd;k x;k gks] dks lajf{kr {ks= izcU/kd ds le{k izLrqr djukA

6& vke lHkk dh cSBd ls ,d i{k ds vUrZxr] izfr o"kZ ,d lwph lnL;ksa ds uke] irk] is'kk ls ;qDr fucU/kd lfefr;ksa ds le{k] lfefr;ka fucU/kd vf/fu;e 1860 ds izkfo/kuksa ds vUrxZr izLrqr djuk A

7& ikfjfLFkfrdh fodkl dk;ZØe ds lqpk: fØ;kUo;u dks fuf'pr djuk rkfd xzke ikfjfLFkrdh fodkl lfefr ds lnL; ftlls vf/kdre ykHk ik ldsa A

8& 'kklu }kjk Lohd`r ikfjfLFkfrdh fodkl dks”k ,oa mRiknu ykHkksa dks vck/k :i ls YkkHkkfFkZ;ksa dh miyC/krk lqfuf'pr djukA

9& fu/kkZfjr izfØ;k ds vuqlkj dk;Zdykiksa ds vfHkys[kksa ,oa ys[kk dk j[k j[kko djuk vkSj bu vfHkys[kksa dks fu/kkZfjr vf/kd`r O;fDr;ksa dks miyC/k djkuk A

10& fdlh lnL; fo'ks"k tks iwokZx`g ls xzflr gS vkSj@;k ou@oU; tho ds fgr esa lacf/kr ou jsat vf/kdkjh@ou j{kd ds fojks/k esa gks ftldk ifj.kke xyrh djus ij lnL;ksa dh lnL;rk dks fujLr fd;k tk ldrk gS] ds fØ;kdykiksa ds ckjs esa lwfpr djuk A

11& bl vf/fu;e ,oa oU; tho laj{k.k vf/kfu;e ds izkfo/kuksa dk mYya?ku djus okys fdlh Hkh dk;Z dks jksduk A

12& xzke ikfjfLFkfrdh fodkl lfefr ds xYrh djus okys lnL; lfgr fdlh Hkh vijk/kh ds fo:) cuk;s x;s fu;eksa vkSj vf/kfu;e rFkk oU; tho laj{k.k vf/kfu;e ds vUrZxr dk;Zokgh djus gsrq ou vf/kdkfj;ksa dks lg;ksx nsuk A

10- dks"k %

ikfjfLFkfrd fodkl fØ;kdykiksa ds fy;s xzke ikfjfLFkfrdh fodkl lfefr dks"k dh O;oLFkk djsxhA tgkW rd lEHko gksxk 'kklu ,oa v'kkldh; lalk/kuksa] ftlesa O;fDr ,ao xzke lHkk }kjk izkIr nku lfEefyr gS] ls dks"k dh O;oLFkk dh tk;sxhA tc dHkh 'kklu ikfjfLFkfrdh fodkl ds fy, dks"k miyC/k djk;sxk] rks ;g dks"k fdLrksa esa lajf{kr {ks= izcU/kd }kjk 'kklu ds vkns'kkuqlkj tks blds ckjs esa le;≤ ij fuxZr fd;s tk;saxs }kjk fdLrksa esa voeqDr fd;k tk;sxk A

11- ys[kk dk lapkyu %

1& dks"k mijksDr vkbVe ua- 11 ls lEcfU/kr vU; lHkh izdkj dh izkIr /kujkf'k dks lEcfU/kr xzke ikfjfLFkfrdh fodkl lfefr ds uke ls jk"Vªh;d`r cSad ;k Mkd?kj esa tek fd;k tk;sxk vkSj xzke ikfjfLFkfrdh fodkl lfefr ds vè;{k rFkk lnL; lfpo de dks"kkè;{k ds }kjk la;qDr :i ls lapkfyr fd;k tk;sxk A

2& cSad ls leLr vkgj.k xzke ifjfLFkfrdh fodkl lfefr dh iwoZ vuqefr ij fd;k tk;sxk vkSj vkgfjr /kujkf'k rFkk O;; dk fooj.k xzke ikfjfLFkfrdh fodkl lfefr dh vxkeh cSBd esa izLrqr fd;k tk;sxk A

3& fd;s x;s O;; ,oa blds ys[kkc) djus dh izfØ;k le;≤ ij jkT; ljdkj }kjk fuxZr vkns'kksa ds vuqlkj gksxhA

12- ys[kk ,oa ys[kk ijh{kk %

1& xzke ikfjfLFkfrdh fodkl lfefr mfpr ys[kk vkSj vk;&O;; dk lqlaxr vfHkys[k j[ksxh vkSj 'kklu ds funsZ'kkuqlkj ,d okf"kZd ys[kk fooj.k rS;kj djsxh A

2& xzke ikfjfLFkfrdh fodkl lfefr ds ys[k dh ys[kk ijh{kk funs'kd] ys[kk ijh{kk LFkkuh; fudk;] mRrj izn'k }kjk dh tk;sxh A

13- ykHk dk foHkktu %

1& ekbØksIyku dh ykxr dk 25 izfr'kr xzke leqnk; ds lnL;ksa }kjk ogu fd;k tk;sxkA xzke leqnk; viuk ;ksxnku fuekZ.k lkexzh

¼Hkwfe vkfn½ Jfed vFkok fuf'pr vof/k ds vius vf/kdkjksa ds LFkxr ds :i eas djsaxs A

2& O;fDrxr ykHkkFkhZ xzke ikfjfLFkfrdh fodkl lfefr ls _.k vFkok vfxze izkIr dj ldsaxsA _.kksa vFkok vfxze dk iw.kZ Hkwxrku izR;sd xzke ikfjfLFkfrdh fodkl lfefr }kjk fu/kZfjr 'krkZs ds vuqlkj gksxkA

3& O;fDrxr ykHkkFkhZ U;wure 25 izfr'kr ifj;kstuk fØ;kdykiksa dh ykxr ogu djsaxsA O;fDrxr ykHkkfFkZ;ksa dks xzke ikfjfLFkfrdh fodkl lfefr }kjk izLrkfor lEiw.kZ ykxr dk 5 izfr'kr ls vf/kd ugh forfjr fd;k tk;sxkA

4& fdlh O;fDrxr ykHkkFkhZ dks vfxze ;k _.k dh nwljh fd'r dk Hkqxrku rc rd ugh fd;k tk;sxk tc rd og iwoZ Lohd`r /kujkf'k dk iw.kZ Hkqxrku ,oa vU; 'krksZ dk iq.kZr% ikyu ugh dj ysrkA

5& xzke ikfjfLFkfrdh fodkl lfefr dk /kujkf'k dks"k lrr~ dks"k izfØ;k LFkkfir djus esa enn djsxkA ftlls iqu% yEch vof/k rd foRrh; O;oLFkk lqn`<+ djus esa lqxerk gksxh A

6& lajf{kr {ks= ls feyus okys ykHkksa dks ykHkkfFkZ;ksa ds chp le;≤ ij xzke ikfjfLFkfrdh fodkl lfefr }kjk vke lgefr ls Lohd`r izfØ;k ds vk/kkj ij forfjr fd;k tk;sxk vkSj mldksa vuqeksfnr ekbØksIyku esa lfEefyr fd;k tk;sxk A

14- lnL;rk fooj.k %

lfefr ds lnL;ksa dk fyf[kr vfHkys[k ftlesa muds irs oxhZdj.k rFkk ukfer lnL;ksa ds vf/kd`r inkf/kdkfj;ksa dk fooj.k lfEefyr gksxk j[kk tk;sxkA

15- lnL;ksa dh c[kkZLrxh vkSj ;k xzke ikfjfLFkfrdh fodkl lfefr dks Hkax djuk %

1& xzke ikfjfLFkfrdh fodkl lfefr esa fookn gksus ij lajf{kr {ks= ikfjfLFkfrdh fodkl vf/kdkjh@izcU/kd fookn dks lekIr djus gsrq vko';d mik; djsaxsA

2& vf/kfu;e oU; tho vf/kfu;e vFkok vf/kfu;e ds vUrxZr cuk;s tks dksbZ fu;e dk mYy?kau djus dh fLFkfr esa O;fDrxr lnL;rk lfefr iathdj.k vf/kfu;e 1860 dh /kkjk 15 ds vUrxZr c[kZLr dh tk;sxh vFkok dk;Zdkj.kh vFkok xzke ikfjfLFkfrdh fodkl lfefr iathdj.k vf/kfu;e 1860 dh /kkjk 13] 13v vkSj 13c ds vuqlkj lajf{kr {ks= izca/kd dh laLrqfr ds vk/kkj ij Hkax dh tk;sxhA

16- fof/kd dk;Zokgh %

1& lfefr ds }kjk vFkok lfefr ds fo:) leLr okn vkSj oS/kkfud dk;Zokgh vè;{k ds ekè;e ls dh tk;sxhA

2& lfefr dh lEifRr vuqcU/k vkSj izR;kHkwfr vè;{k vkSj insu lnL; lfpo de dks"kkè;{k ds }kjk fd;s tk;saxsA

3& dk;Zdkfj.kh ds }kjk lfefr ds lapkyu ds fy;s ,d lkekU; eksgj@eqnzk iznku dh tk;sxh tks le; le; ij u"V dj mlds LFkku ij ubZ eksgj@eqnzk iznku dh tk;sxhA eksgj dk iz;ksx lfefr ds nks lnL;ksa ds lkFk gh fd;k tk;sxkA

4& vf/kfu;e ds fu;eksa] ifjfLFkfrdh fodkl ds 'kkldh; ladYi vkSj ikfjfLFkfrdh fodkl ds fy;s 'kkldh; fn'kk funsZ'k esa mYysf[kr fu;e] fof/k lfEefyr ugha fd;s x;s gksa mlds fy;s Hkh fu;e cuk;s tk ldrs gSA

17- la'kks/ku %

;g vuqPNsn ifjofrZr ugh fd;s tk ldsaxs tc rd vke lHkk esa mifLFkfr rhu pkSFkkbZ lnL;ksa }kjk vuqeksnu u dj fn;k tk;s vkSj 'kklu }kjk izLrko Lohd`r u dj fn;k tk;sA

18- mn~ns';ksa esa ifjorZu %

lfefr ds }kjk mn~ns';ksa ;k fu;e esa iw.kZ ;k vkaf'kd la'kks/ku }kjk lfefr ds Lo:i esa ifjorZu vFkok nwljh lfefr esa foyhuhdj.k fcuk ljdkj dh iwoZ vuqefr vkSj lfefr iathdj.k vf/kfu;e 1860 ds fu;eksa ds ikyu ds fcuk ugh fd;s tk ldrs gSaA

19- lfefr Hkax djuk %

lfefr iathdj.k vf/kfu;e dh /kkjk&13 vkSj 14 ds vuqlkj lfefr Hkax dh tk ldrh gSA 'ks"k lEifRr ds iz;ksx ds ckjs esa ykHk vkSj nsu&nkjh ds en~nsutj j[krs gq, 'kklu }kjk fu.kZ; fy;k tk;sxkA

20- lfefr }kjk fuEufyf[kr vfHkys[kksa dk j[k&j[kko fd;k tk;sxk %

1& lnL;rk iaftdk

2& dk;Zokgh iaftdk

3& Hk.Mkj iaftdk

4& jksdM+ cgh

5& 'kklu }kjk fu/kZfjr vfHkys[k lfefr iathdj.k vf/kfu;e ds izkfo/kuksa ds vuqlkj

lfefr }kjk vU; vko';d vfHkys[k dk j[k&j[kko fd;k tk;sxkA

ifjf'k"V &28

NATIONAL TIGER CONSERVATION AUTHORITY

(STATUTORY BODY UNDER THE MINISTRY OF ENVIRONMENT & FOREST, GOVT. OF INDIA)

Bikaner House, Annexe-V,

Shahjahan Road, New Delhi- 110011
Dr. RAJESH GOPAL **Tele Fax : 011- 23384428**
Addl. P.C.C.F. & Member Secretary ***Email : dirpt-r@nic.in***

No. 1-9/93-PT Dated the July 15, 2010

To,

The Field Director
(All Tiger Reserves)

Subject: Record of Post-mortem Examination.

Reference: Letter of even number dated 21-7-2007 from this Authority.

Sir,

Further to the correspondence cited above, a revised set of formats for recording post-mortem finding/sample collection are enclosed as indicated below:-

1. Revised Necropsy examination form
2. Necropsy kit checklist.
3. Considerations during necropsy.
4. Laboratory specimen collection and dispatch form.

The above formats have been refined/ designed by Dr. S.P.G. Bhalla, Veterinary Officer, Corbett Tiger Reserve which would facilities scientific documentation of the post-mortem, while ensuring uniformity.

Yours Sincerely,

Encl: As above.

Sd/-
(Dr. Rajesh Gopal
APCCF & Member Secretary (NTCA)

Copy to: 1- All Chief Wildlife Wardens of Tiger Reserve States.
2- Dr. S.P.G. Bhalla, Veterinary Officer, Corbett Tiger Reserve, P.O. Ramnagar, District.- Nainital, Uttrakhand with compliments for the good effort.

Sd/-
(Dr. Rajesh Gopal
APCCF & Member Secretary (NTCA)

dk;kZy; QhYM Mk;jsDVj] nq/kok Vkbxj fjtoZ] y[kheiqj&[khjh

i= la[;k& 503@23&1@¼NTCA½ fnuakd %y[kheiqj&[khjh] tqykbZ] 24] 2010

lsok esa]

1& izHkkxh; oukf/kdkjh] mRrj [khjh ou izHkkx] y[kheiqj [khjh
2& izHkkxh; oukf/kdkjh] nf{k.k [khjh ou izHkkx] y[kheiqj [khjh
3& izHkkxh; oukf/kdkjh] fctukSj ou izHkkx] fctukSj
4& izHkkxh; oukf/kdkjh] lksgxhcjok oU; tho izHkkx] egjktxat
5& izHkkxh; oukf/kdkjh] lksgsyok oU; tho izHkkx] cyjkeiqj
6& mi funs'kd] nq/kok Vkbxj fjtoZ izHkkx] ify;k [khjh
7& izHkkxh; oukf/kdkjh] drfuZ;k/kkV oU; tho izHkkx] cgjkbp

fo"k;& **Record of Post mortem Examination .**

lanHkZ& lnL; lfpo] ,u0Vh0lh0,0 ds dk;kZy; dk i=akd No. 1-9/93-PT Dated 15-07-2010

egksn;]

mijksDr fo"k;d lanfHkZr i= }kjk **Post-mortem Examination Proforma** rFkk **Annexure** bl dk;kZy; esa izkIr gqvk gSA ftldh Nk;kizfr ,rRlg layXu dj vko';d dk;Zokgh gsrq izsf"kr dh tkrh gSA

layXud&;Fkksifj A

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g0
¼'kSys'k izlkn½
eq[; ou laj{kd ,oa QhYM Mk;jsDVj]
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dk;kZy; izHkkxh; oukf/kdkjh] lksgsyok oU; tho izHkkx] cyjkeiqj

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izfrfyfi miizHkkxh; oukf/kdkjh] rqylhiqj ,oa cyjkeiqj dks layXudks lfgr lwpukFkZ ,oa vko'ad dk;Zokgh gsrq izsf"krA

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¼ fot; izrki flag½
izHkkxh; oukf/kdkjh
lksgsyok oU; tho izHkkx
cyjkeiqj

RECORD OF NECROPSY EXAMINATION

NAME OF PROTECTED AREA/ZOO .....

NAME OF SPECIES with scientific name .....

AGE(approximate) ..... SEX .....

AMBIENT TEMPERATURE in ^{0}C (at the time of acquisition) .....

DATE OF NECROPSY .....

DATE AND TIME OF DEATH (estimated) .....

TIME OF ACQUISITION OF CARCASS .....

TIME OF DISPOSAL OF CARCASS .....

GPS LOCATION PLACE OF DEATH OF NECROPSY (if different) .....

.....

AREA DESCRIPTION (topography, water source, etc) .....

.....

I. HISTORY OF DEATH

1. Brief History .....

.....

.....

.....

2. Observation of the surroundings .....

.....

.....

3. Other relevant information .....

.....

II. EXTERNAL EXAMINATION

PHYSICAL CONTIDITON : Normal/Fat/Thin/Emaciated .....

RIGOR MORTIS .....

SUPERFICIAL LYMPH GLANDS .....

MUCOUS-MEMBRANE .....

NATURAL ORIFICES .....

BODY WEIGHT in kg (approximate) .....

BODY LENGTH in cm (nose to tip of tail) .....

TAIL LENGTH in cm (base of tail to tip of tail) .....

HEIGHT AT WITHERS in cm .....

CHEST GIRTH in cm .....

STATE OF CARCASS: Fresh / Refrigerated / Deep frozen / Decomposed / Incomplete .....

STATE OF DECOMPOSITION refer Annexure : Fresh / Bloated / Active decay / Advance decay .....

DESCRIPTION OF WOUND/INJURIES, if any .....

.....

OTHER REMARKABLE OBSERVATIONS, if any .....

.....

Vital Measurements (Whichever applicable)

Rt. FORE FOOT-PAD GIRTH & LENGTH X BREADTH in cm (carnivores) refer Annexure .....

LENGTH OF CANINE TEETH in cm (carnivores) : Upper Right .....

Upper Left ..... Lower Left ..... Lower Right .....

Rt. FORE FOOT-PAD CIRCUMFERENCE in cm (elephant) .....

.....

OHTERS (Length of Antler/Horn, Length & Circumference of Rhinoceros Horn, etc.)

.....

III. INTERNAL EXAMINATION

A. SKIN, SUBCUTANEOUS TISSUE & MUSCLES

B. BODY CAVITIES

1. POSITION OF VISCERAL ORGANES
2. PERITONEAL CAVITY
3. PLEURAL CAVITY AND PLEURA

C. RESPIRATORY SYSTEM

1. LARYNX
2. TRACHEA
3. BRONCHI AND BRONCHIOLES
4. LUNGS (Appearance, color & consistency)
5. LYMPH GLANDS
6. DIAPHRAGM

D. HEPATIC SYSTEM

1. LIVER (Appearance, size, color)
2. LIVER TISSUE
3. GALL BLADDER & DUCTS
4. LYMPH GLANDS

E. CIRCULATORY & LYMPHATIC SYSTME

1. PERICARAIAL SAC
2. HEART MUSCLE
3. HEART CHAMBERS
4. LARGE BLOOD VESSELS
5. SMALL BLOOD VESSELS (Mesenteric)
6. SPLENIC (Appearance, size, color)
7. SPLENIC TISSUE

F. DIGESTIVE TRACT

1. PHARYNX
2. ESOPHAGUS
3. STOMACH (Simple) (i) Cardiac zone
   (ii) Fundus
   (iii) Pylorus
   (Compound) (i) Rumen
   (ii) Reticulum
   (iii) Omasum
   (iv) Abomasum
4. SMALL INTESTINES (i) Duodenum
   (ii) Jejunum
   (iii) lleum
5. LARGE INTESTINES (i) Caecum
   (ii) Colon
   (iii) Rectum
6. LYMPH GLANDS (Mesenteric)

G. UROGENITLA ORGANS

1. KIDNEYS (Color and appearance)
2. URINARY BLADDER
3. REPRODUCTIVE ORGANS (i) Testes/Pains/Glands
   (ii) Ovary/Uterus/Vagina

H. ADRENALS

I. HEAD

1. BUCCAL & NASAL CAVITIES
2. TONGUE

3. BRAIN AND SPINAL CORD

J. SKELETION

IV. SUMMARY OF MAJOR FINDING

.....

.....

.....

.....

S. No.	Sample	Preservative used	Examination required	Laboratory address
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				

IV. PROVISIONAL DIAGNOSIS

.....

.....

.....

.....

.....

Place ..... 1. Signature

.....

Veterinarian's name .....

Date Designation .....

.....

2. Signature .....

Veterinarian's name .....

Designation .....

ANNEXURE

1. Formula for calculation of Body weight in elephants [*Hile et al*]

Weight in Kg = 18 (chest girth in cm) – 3336

2. Measuring a pugmark [Talwar R, Usmani A (2005) Reading pugmark – A pocket book for forest guards, 2nd end, pp. 23-24, WWF-India, New Delhi]

.....

- Pugmark Length or PML is the measurement from the tip of the farthest toe to the base of the pad along the line of walk.
- Pugmark Breadth or PMB is the measurement between the outer edges of the first and last toe.

- The above are measured by drawing a box (all corners at 90 degrees) touching the extreme ends of the pugmark.

3. Stages of decomposition

The process of decomposition has been divide into the following four stages :

Fresh stage: This stage began at the moment of death and ends when bloating is evident.

Bloated stage: Gases produced by metabolic activity of anaerobic bacteria cause a slight inflation of the abdomen. This stage begins when gases start to accumulate in the carcass and ends when body deflates.

Active decay stage: This stage begins when bloating finishes. The onset of this stage is marked by the deflation of the carcass. The skin in broken due to growing up Dipteran larvae. The greatest percentage of biomass is removed during this stage as a result of hte maggot feeding masses. The end of this stage is marked by the Dipteran larva migration before pupation.

Advanced decay stage: This stage begins when the last Dipteran larvae depart from the carrion; much of the flesh is removed. The carcass consisted of dry skin, cartilage, and bones.

Necropsy kit checklist

EQUIPMENT

A basis necropsy kit can be assembled in preparation for transport to a filed necropsy site on short notice. The kit should contain the following items :

Necropsy equipment

1. Bone cutter (small)
2. Bone cutter (large)
3. Butcher kinfe
4. Hammer
5. Knife (large)
6. Knife (small)
7. Knife Sharpener
8. Surgical Blades
9. BP blade handle
10. Rat tooth forceps (small and large)
11. Tissue forceps (small and large)
12. Probe
13. Scissor (both ends sharp) (small and large)
14. Scissor (blunt-sharp) (small and large)
15. Tray
16. Sharp container

17. Spirit lamp
18. Match box
19. Measuring tape (30 meter length)
20. Nylon thread

Necropsy documentation

21. Marker pen and pencil
22. Labels
23. Necropsy forms, Laboratory specimen forms
24. Note book, papers

Protective Clothing

25. Apron (disposable or non-disposable)
26. Shos covers (disposable)
27. Sterilised Gloves (disposable)
28. Non-sterilised Gloves (disposable)
29. Veterinary Gloves (disposable)
30. Face Mask (disposable)
31. Cap (disposable)
32. Full face Shield (disposable)

Specimen Containers and sampling instruments

33. EDTA vacutainer
34. Serum separator vacutainer
35. Syringe with needles (20g) 2ml, 5ml, 10ml
36. Microscope glass slides & slides box

37. Aluminium foil
38. Containers 250ml, 500ml
39. Zip lock bags – medium and large
40. Sterile swabs
41. Sterile containers (50ml)

Transport materials

42. Cotton roll (500g)
43. Insulated container
44. Packaging tapes (1 inch and 2 inch)
45. Ice packs
46. Ice box- small

Disinfection materials

47. Chlorhexidine Solution (Savlon)
48. Isopropyl Alcohol
49. Liquid soap
50. Lime

Fixatives and Preservatives

51. Methanol
52. Silica gel
53. Buffered formalin 10%
54. Sterile Buffered glycerin 50%
55. 70% Ethyl alcohol

Others

56. Global Positioning System
57. Camera

58. Weigh machine (upto 400 kg)
59. Plastic sheets
60. Flashlight

Appendix

Sterile Buffered Glycerin (50%)

For transporting tissues for culture when refrigeration is not available. To make sterile buffered glycerin, mix glycerin with an equal amount of buffer composed of :

A- 21 g citric acid mixed in 1000 distilled water

B- 28.4 g anhydrous sodium phosphate in 1000 distilled water

Mix 9.15 ml of A and 90.85 ml of B

Mix 100 ml of buffer with 100 ml of glycerin.

Then sterilize in small tubes to take into the field

10% Buffered Formalin

For fixation of tissues for histology.

To make one liter mix

100 ml formalin (34-40% formaldehyde)

900 ml distilled water

4 g sodium chloride (table salt)

70% Ethyl Alcohol

For parasitological examination

To make one liter mix

700 ml of 100% ethanol

100 ml of distilled water

Consideration during Necropsy

CONTENTS

INTRODUCTION

Many diseases affecting valuable wildlife resources have gone undetected because appropriate samples were not collected for diagnostic testing from animals that died due to the disease. The purpose of this document is to provide a national standard for biological sample collection. When appropriate samples and accurate written and photographic records are taken, the cause of disease can be determined in most cases.

The purpose of this manual is to provide practical guidelines for performing field necropsies on wild animals and for collecting, storing and shipping samples in the field for diagnostic testing. It would be worthwhile to collect complete tissue samples including blood as it would aid in the recognition of disease condition. If only selected samples are taken because a particular disease is suspected and the animal does not have that disease these samples may be inadequate to test for other diseases that might be causing the disease. Furthermore, selective sampling limits the information that could be procured from a wild animal necropsy that could aid in future population or ecosystem management.

Before performing a necropsy on an animal two important points need to be considered:

1- ZOONOTIC DISEASES :

Could this species have a disease that is transmissible to humans? Diseases such as rabies or Echinococcosis (Hydatid disease) in carnivores, anthrax or rabies in ungulates or psittacosis in birds can cause serious and fatal diseases in humans. Many primate diseases also can cause illness. Take appropriate protective measures before conducting the necropsy. Wearing a mask is particularly important when performing a

necropsy on a primate, bird or a carnivore suspected of rabies. Also, all samples should be handled with care and unfixed samples should be placed in leak proof containers so that dangerous infectious materials do not lake during transport.

2- REPORTABLE AND INFECTIOUS DISEASES -

Could this animal have a disease that in infectious to livestock or other wild animals? Diseases such as anthrax, foot and mouth disease, or tuberculosis can spread to other animals through contamination of the environment during the necropsy procedure. Anyone conducting necropsy of wild animals should be aware of the typical lesions of these diseases and take extra precautions when decontaminating a necropsy site.

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4. Hammer
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6. Knife (small)
7. Knife Sharpener
8. Surgical Blades
9. BP blade handle
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11. Tissue forceps (small and large)
12. Probe
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14. Scissor (blunt-sharp) (small and large)
15. Tray
16. Sharp container
17. Spirit lamp
18. Match box
19. Measuring tape (30 meter length)

20. Nylon thread

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54. Sterile Buffered glycerin 50%
55. 70% Ethyl alcohol

Others

56. Global Positioning System
57. Camera
58. Weigh machine (upto 400 kg)

59. Plastic sheets

60. Flashlight

Safety Considerations –

Personal Safety –

Some diseases of wildlife can cause serious illness or death in humans, all carcasses should be handled as if they were harbouring potentially dangerous diseases and precautions for personal safety should be exercised. Minimal protective clothing is always advised that includes apron, gloves and a mask that covers the nose and mouth, shoe covers.

Handling of carcass –

Diseased wildlife should also be handled carefully to minimize exposure of other wild and domestic animals. If ANTHRAX is suspected, a blood smear should made by nicking an ear vein or other available vein and checking for *Bacillus anthracis* by microscopy before the carcass is opened. Carcasses with anthrax or other infectious diseases should be buried (preferably covered with a disinfectant and buried a least 2 m deep to prevent scavenging).

Depatching samples –

Freshly collected and frozen samples should be packaged and despatched immediately after necropsy so that no further deterioration occurs. Laboratory must also be telephonically informed about the details of the samples.

Labelling of Specimen –

All containers, tubes, slides and bags should be labelled using a waterproof marker. Placing a second label in a plastic bag that is then attached to the container adds further security. For formalin-fixed tissues, a paper label with the animal identification written in pencil can be submerged in formalin with the tissues.

The following information should be included on the labels :

Date

Location

Species

Tissue type & preservative used

General Observations about the Carcass and its Surroundings –

Assessment of the Condition

Examine :

- Any recent weather conditions that could have caused animal death (drought, floods, electrical storm, etc.)
- Ambient temperature that might lead to further deterioration of carcass.
- Signs of struggle.
- Condition of the animal
- Any bite wounds, other signs of predation. If wounds are present, look for bruising and bleeding in the tissues near the wounds which would indicate that they occurred before the animal died. Look for signs of humans or injuries caused by humans. Otherwise these wound most likely were caused from the carcass being scavenged.
- Broken bones, missing hair, broken or missing teeth or other signs of trauma.
- Maldeforrmities (if any)
- External parasites (preserve if any)

Consideration about Nutritional Status

- Evaluate weight, body length and chest girth (details mentioned in the necropsy form) Examine :
- Fat stores under the skin and in body cavities.
- Amount of fat around the heart and kidneys.
- Amount of food in the digestive tract.

- Condition of the teeth like deposition of tartar, chipping, fracture, pulpal exposure etc.

Specimen Collection and Preservation

Most carcasses will have some AUTOLYSIS, but diagnostic tests can still be performed if tissues are properly handled. Therefore gentle handling of autolysed tissues is recommended. Quickly place in preservative.

Freeze or refrigerate samples as soon as possible for infectious disease or toxicology testing.

Autolysis can cause many artefacts in tissues that can be confused with a disease process. However, it is always best to take a sample from an area that look abnormal rather then assume that the change was caused by autolysis. Histopathology will be able to distinguish between true lesions and post-mortem changes.

Histopathology

- Samples should be taken from all major organs and any abnormal areas as well.
- Samples from GIT can be placed in one container and should not be placed with other organs.
- Samples should be placed in container of 10% buffered formalin.
- Quickly submerge tissues in 10 times the volume of formalin as the volume of tissues.
- Samples should be not thicker that 1cm so that they can fix, but long and wide enough to represent the different areas of a tissue as will as any abnormalities.
- Samples that include abnormal areas and surrounding normal areas are best.
- Samples should be handled carefully by grasping at the edges.

- Crushing, Stretching, Scraping or otherwise damaging specimens should be avoided. Gentle handling is required.
- If tissue needs special labeling, place it in a different container or attach a piece of paper to the tissue with string or a pin and label the paper or container with pencil or water proof marking pen.
-

Microbiology (Bacteriology and Virology)

To take samples without contaminating them, the samples need to be taken before tissues are touched and the instruments need to be sterilized. These samples also should be placed in sterile containers. To sterilize instruments, dip the tips in alcohol and then flame them or flame the tips until they are red and then let them cool. Samples also can be taken with a sterile swab, sterile syringe, or by placing a large (3cm x 3cm) section of tissue directly in a sterile container (the center of the tissue will be uncontaminated).

Take samples that contain abnormal areas. Appropriate samples include: whole blood, pus, areas with abscesses or nodules, or intestinal contents (within a loop of intestines). When taking samples from infected tissues, select an area near the edge of the affected tissue where live organisms are most likely to be found. If no abnormal areas are present, take standard tissue samples of lung, liver, kidney, spleen, tonsil, and intestines.

Keep samples moist with transport media, sealed in a sterile container and cold. If refrigeration is not available, samples can placed 25% buffered glycerin in sterile containers. Transport swabs should be removed from their sterile wrapping, brushed against the lesion or fluid requiring sampling, and replaced in the tube as swiftly as possible to avoid contamination. Separate swabs should be taken from areas where the presence of pathogens is suspected. Sampling of the pleural surface of the lungs, bronchi, stomach mucosa, perineal fluid in the pericardial sac, brain surfaces, abscesses or infected areas is recommended for relatively fresh carcasses.

Smears of pus and infected tissues are also useful and can be air- dried and fixed with heat.

Toxicology

Take samples and place half of each sample in aluminum foil and half in plastic bags or containers (aluminum or plastic interfere with the testing of some toxins). Samples should be stored forzen (if possible) until shipped to a laboratory (see check list in Appendix II).

Parasitology

- Paces, gastro-intestinal contents and mucosal scraping can be preserved by refrigeration or 10% buffered formal. If GIT protozoa are suspected, the faecal matter can be stored in normal saline and then refrigerated.
- External parasites are best preserved in 70% ethanol.
- Trematodes (flukes) and cestodes (tape-worms) can be preserved by 10% buffered formalin.
- Nematodes can be preserved in 70% ethanol. A small quantity of glycerin if added prevents shrinkage.
- Make thin and thick blood smears on clean glass slides. Air dry and fix with methanol.

Preparation of Slides for Cytology

- Make a clean cut with a scalpel blade across the surface of the abnormal area of the tissue you wish to examine.
- Grasp the sample firmly with forceps, placing the cut surface down.
- Blot the cut surface of the sample across a paper towel or other absorbent surface until no blood or fluids are evident.
- Then gently touch the blotted surface in several location on clean slides.
- Fix with methanol.

Urine

Urine can be collected from the urinary bladder of relatively fresh carcasses with a sterile syringe. If the bladder is not distended it may be desirable to slit it to remove the urine with a syringe. Urine can be refrigerated but it should be submitted for culturing or clinical pathology as soon as possible after collecting. Samples can otherwise be forzen for later determination of osmolality and other urine values.

General Concerns for Performing the Necropsy

- All the procedures involved during necropsy must be carried out before sunset and proper light is essential.
- Ensure proper history and thorough ante-mortem examination of the carcass.
- All carnivores and ungulates are place **on the left side** so that the right side of the carcass is opened. All birds, reptiles, and primates are placed **on their back.**
- After the body cavities are opened, the general nutritional condition of the animal and location of all organs should be assessed (to determine if any organs are displaced) before organs are removed. At this time, a sterile blood sample for culture can be taken to obtain serum for serological tests. A sterile samples of other organs should be taken for culture before organs are handled.
- After the general condition of the animal has been recorded, individual organs can be removed, examined and sampled in a systematic manner. Any abnormal findings (lesions) should be described. Photographs of abnormal findings provide the best documentation for records.

Description of Abnormalities Found at Necropsy

Criteria preferred for describing any abnormality is location, number & distribution, colour, size, shape, consistency, and texture. For example: “The liver contains multiple tan, firm nodules ranging from 1 to 3 cm in diameter that are distributed throughout all liver lobes. The nodules are gritty on cut surface.”

Post-necropsy

Disposal of carcass

Open air incineration is best preferred for all predators, small to medium-sized ungulates, primates, birds and reptiles as it allows complete disposal of all body parts (highly priced in wildlife illegal trade). If facility permits, large-sized ungulates can be cut into pieces before incineration.

On-site burial is best preferred for elephants and rhinoceros after removal of tusks and horn respectively. Salt and lime can also be used to fasten the natural decomposition process.

Disinfecting the necropsy site

The carcass and all tissues from the carcass including blood soaked dirt should be buried or incinerated. All contaminated paper or plastic materials should be either thoroughly disinfected or incinerated. All blood and residual tissues should be removed from the instruments and tools with soap and water. Then the instruments should be disinfected. Necropsy boots and apron should be cleaned and any contaminated clothing thoroughly washed. The external surface of any containers with samples should also be washed. Lime should be sprinkled to disinfect the necropsy site.

Storage or submission of samples

All the samples must be packed separately with proper packaging tapes to avoid leakage and cushioned with absorbent material to avoid spoilage. If necessary, ice packs should be interspersed with specimens to provide uniform refrigeration of freezing effect.

Formalin- fixed samples can be kept at a cool room temperature until shipped.

Any samples for culture should be kept refrigerated (for parasitology or bacterial cultures) or forzen (for toxicology or virus cultures).

It is best to ship forzen and fixed samples separately. If they must be shipped together, then insulate the fixed tissues from freeing by wrapping in newspapers. Assure that there is no spillage of formalin, because fixation of frozen samples will make culturing for bacteria or viruses impossible and will alter cells on blood smears or cytology slides. Furthermore, formalin will cause undesirable effect on the samples for toxicological investigation.

Appendix I. Fixatives and Preservative

Sterile Buffered Glycerin (50%)

For transporting tissues for culture when refrigeration is not available.

To make sterile buffered glycerin, mix glycerin with an equal amount of buffer composed of :

A. 21g citric acid mixed in 1000 distilled water

B. 28.4g anhydrous sodium phosphate in 1000 distilled water

Mix 9.15 ml of A and 90.85 ml of B

Mix 100 ml of buffer with 100 ml of glycerin

Then sterilize in small tubes to take into the field

10% Buffered Formalin

For fixation of tissues for histology

To make one liter mix :

100 ml formalin (38-40% formaldehyde)

900 ml distilled water

4g sodium chloride (table salt)

70% Ethyl Alcohol

To make on liter mix :

700 ml of 100% ethanol

100 ml of distilled water

Appendix II. Tissues Checklist for Microbiology and Toxicology

Tissues	Microbiology	Toxicology
Brain	√	√
Fat		√
Kidney	√	√
Stomach contents		√
Hair		√
Liver	√	√
Whole Blood	√	√
Lymph nodes	√	√
Tonsils	√	√
Spleen	√	√
Abscesses, granulomas	√	√

LABORATORY SPECIMEN FORM

NAME OF PROTECTED AREA/ZOO .....

NAME OF SPECIES with scientific name .....

AGE(approximate) ..... SEX .....

AMBIENT TEMPERATURE in ^{0}C (at the time of acquisition) .....

DATE OF NECROPSY .....

DATE & TIME OF DEATH (estimated) .....

COPY OF NECROPSY EXAMINATION ATTACHED:YES/NO .....

BRIEF HISTORY .....

.....

S. No.	**Sample**	**Preservative used**	**Examination required**	**Laboratory address**
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				

DATE & TIEM OF COLLECTION .....

MODE OF DISPATCH:Post/rail/air/bus/messenger (messenger's name) .....

DATE & TIME OF DISPATCH .....

Handed over to ..... SENDER'S ADDRESS:
.....
..... dated .....
by : Veterinarian's name & signature .....
.....
.....

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BY FAX/CAMPGAG

ELECTION COMMISSION OF INDIA

Nirvachan Sadan, Ashoka Road, New Delhi-110001

K.R. PRASAD
SECRETARY (PLANNING-II)

No. 437/6/98-PLN-III Dated 30th January, 1998

To,

1. The Chief Secretaries of all the States and Union Territories.

2. Chief Electoral Officers of all the States and the Union Territories.

Subject:- Vehicles and staff of Wild Life Sanctuaries, National Sanctuaries and National Game Parks-not to be requisitioned for election duty.

Sir,

It has come to the notice of the Commission that the Chief Electoral Officer / District Election Officers / Returning Officers / District Magistrates/Collectors sometime requisition the vehicles and staff of Wild Life Sanctuaries, National Sanctuaries and National Game Parks for the purpose of utilising them for elections. The Commission after taking into account all relevant factors has decided that the vehicles and staff of Wild Life Sanctuaries. National Sanctuaries and national Game Parks well be exempted from being requisitioned for election duties. The concerned authorities responsible for maintaining these sanctuaries and parks may be informed accordingly.

Kindly acknowledge receipt by return fax.

Your faithfully,

(K.R.PRASAD)