



International Journal of Sanskrit Research

अनन्ता

ISSN: 2394-7519

IJSR 2019; 5(1): 78-81

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www.anantaajournal.com

Received: 09-11-2018

Accepted: 21-12-2018

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पर्यावरण प्रदूषण: वैदिक दृष्टि से विप्लेशण

डॉ० पुचि अग्रवाल,

प्रस्तावना

fo'o cāk M ds l Hh t ho/kjh vius fodkl] of) , oal Q ofLFkr izdkj l st hou Øe
pykus grql arfyR lk Łj.k ij fuHŁ djrs gā lk Łj.k l Hh t hok ds fy, vkŁj Hov
olrqgā lk Łj.k dk vFLZ gS ifjR% vŁj.ke~vFLZ~ft l ls ge pjlkavkj l svloR gka
og lk Łj.k gS; Fkk i Foh t y] vfxu] ok qvr% bUgagh lk Łj.k dgk t krk gā l fV
ds vU; t hok ds l eku gh ekuo Hh lk Łj.k dk vā gā t c dkbZ t ho fo'kē #i l s
ekuo viuh l qk&l qo/kvka ds fy, dQ olrqka dk vf/kd mi; Ł djus yxrk gS t k
lk Łj.k ea vl aryu mRū Ū gk t krk gā

orZku mi HkDRkohn; α ea ekuo vius LokFLZ ds fy, viuh l eLr {lerkva dk
nfi; Ł djds lk Łj.k dks vl arfyR dj jgk gā Li"V gSfd , d h fLFkr ea l urfyR
lk Łj.k ea fo|eku l Hh ?kVd yxHx , d fuf'pr ek=k rFkk vuqkr ea ugh gkē
fdl h fo'kē ?kVd dh ek=k ea of) ; k deh gk t krh gS, d h fLFkr ea okroj.k nvr
gk t krk gā ; g fLFkr t ho/kjh; k ds fy, gkudkj d gk h gSft l s izvk k dgk t krk
gā dg l drs gā fd okroj.k ea gk vdkNr ifjorZū] v'kr% ijk k ; k i R; {k #i l s
ekuo }jk fd, x, Åt kZ l k h ea ifjorZū rFkk t hok k h dh l ā; k ea v fHof) ds
izkl k dk ifj.ke gā izvk k dbZ izdkj dk gk r gS ok qizvk k ty izvk k Hfe
izvk k /ofu izvk k j sM; k s/keZ izvk k vk nA

ośnd eul'k k us gt kj k o"Z i oZ t hok= ds dY; k k ds fy, lk Łj.k dk egRo , oa
j{kk izdfr ds ifr l fludVrk jskla ds mipkj , oa LokF; l EcU h vusd mi; Ł h
rRo k dks izdfr fd; k gā ośnd _f'k ek= lk Łj.k ds l Hh i {k ds fy, l t x ugh
Fk vfi r q mudh j {k rFkk egRo dks Hyh Hkr l e>rs Fk vr% og lk Łj.k izvk k ds
ifr vr; f/kd l pr Fk ośnd _f'k k us lk Łj.k l st qe l Hh inkFk dks nRo inku
dj muds ifr u doy vknj Hko izdV fd; k gS vfi r q lk Łj.k dh l j {k dks
l fuf'pr vkŁj inku djus ds fy, ml s/keZi vlFk l st k MeJ fujUrj l j {k k , oa
l oā Zī dk ekZī k R fd; k gā onka ea lk Łj.k l j {k k fo'k; ij lk Łj. l k exh i R
gk h gā i Foh t y] ok qvš vdkk dh 'k) vš mudk izvk k l s cpus dk vusd
el=kaefunZk gā

ok, q l j {k kē

ok, q ekuo t hou dk vkŁj gā vr% t hou j {k grq ok q izvk k ds l Hh rRo k dk
fu; Ū.k vlo'; d gā ekuo t hou ea ok, q dh egRrk dks /; ku ea j [krs gq vFkoZn ea
funZk fn; k x; k gSfd lk Łj.k dh 'k) rFkk j {k grq ok q dh 'k) ij /; ku nsik
vfuok Zgā¹

ok, q ds egRo ij _Xon ea dgk x; k gSfd & gsoq q rēgk s ikl veR dk [kt kuk gā
rē gh t hou 'kDR dsnrk gā rē l ā kj ds fir k HkZ vš fe= gā rē l c jskla
dh vsk/k gā²

_Xon ea gh nvrjs LFku ij , d egRo i wZ ea= ea funZk gSfd ok, q ea veR vFLZ~
vkdI ht u (Oxygen) gā ml su"V u gk us nā bl dk rR; Z; g gSfd , d k dkbZ dk Zu
dj ft l l sok, qea vkDI ht u dh deh gā³

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lk; kōj. k dks 'lq djus okys rRb gS & ioZ' t y| ok; q
 o"Hz vLg vfxUA ; sinvk k dks u"V d jrs gā vLg i; kōj. k
 dks 'lq d jrs gā _Xon] ds dQ vU; eU=ka ea lk; kōj. k
 ds 'kēkd rRb ds #i ea bu rRb dk mYyq k gā |lok
 i fFloh t y| vLk/k; k' ok; q eS'k unli' ou] ioZ' l wZ
 m'kk , oa vfxUA bul s l EcU'kr eU=ka ea j'kk ds fy,
 budk vlgeku fd; k x; k gā
 vFloZn ea ok; q vLg l wZ ds egūo dk o. kō d jrs gā
 dgk x; k gS fd rē nkū lā kj ds j'kd glā rē
 vLrj'k ea Q kr glā rē gh l Hh izlj ds j'sk dks u"V
 d jrs glā⁷ ok; q ds egRb dk o. kō d jrs gā dgk x; k gS
 fd ok; q ea nks xqk gā i k lok q ds } kj k euq; ea t hou
 'kDr dk l p'kj djuk vLg viku ok; q ds } kj k l Hh nēk
 dks 'kij l s c'g j djuk bl fy, ok; q ds fo' oHkt dgk
 x; k gS D; k d og l Hh j'sk vLg nēk dks u"V d jrk
 gā⁸
 i; kōj. k ea vkt ku ijr dk ok; q ds l kfk l h'k l EcU'k
 gā oSnd l kgr; ea fo' kēk : i l s vFloZn , oa _Xon ea
 Hē ds p'k vLg vkt ku (Ozone) dh ijr dk mYyq k
 gā _Xon ea vkt ku dh ijr ds fy, ^egr mYc* 'k n
 vk; k gā vLg ml s LFfoj vFkz~LFky ; k ek/h ijr dgk
 gā vFloZn ea bl vkt ku dh ijr dk ja fgj. ; ;
 vFkz~l q'gjh crk; k x; k gā mYc 'k n xHZFk f'k k q ds
 Aj <dh gōZf>Yh (Membrane) ds fy, vkrk gā ea-ka
 l s Li"V glrk gS fd vkt ku dh ijr i Foh dh j'kk d jrh
 gā ml dks glku igpuk ml h izlj l adV d jh gS t s s
 xHZFk ckyd dh f>Yh l s NMAKM+ djuk⁹

Tky l j'k kē
 Onka ea ty dh mi; kxrk vLg egRb ij vR f'kd izlk k
 Mky x; k gā ty t hou gS ver gS¹⁰ Hkt gS
 j'sk k d gS vLg vk; q'k l gā ty dks n'kr djuk iki
 ekuk x; k gā ty dh mi; kxrk dk o. kō d jrs gā dgk
 x; k gS fd ty ea vLk/k; ka ds rRb fo|eku gā¹¹ vr%
 ty l eLr j'sk dk bykt gā ty 'kDr o'k l gS, oa
 j'sk k d gS vLk nA
 oSnd l kgr; ea o"Hz d sty rFk fgeky; dh ufn; ka l s
 fudyus okys ty dk vR; qd"V vLg ver ds leku
 crk; k x; k gā o"Hz d sty dks ekuo t hou dk vk'kj
 crk; k x; k gā bl l s l Hh j'sk u"V glrs gā vLg n'k'k
 i kr glrk gS¹² A bl h izlj ufn; ka d sty dks an; j'sk ka
 ea Hh iz'k djuk p'g, A¹³ cgrk g'k ty 'lq rFk
 xq'k d jh glrk gā ; g euq; dks 'kDr izku d jrk gā
 onka ea ufn; ka vLg l emz dks euq; dk l q'k l k'kd
 crks gā dgk x; k gS fd ufn; k euq; dks l q'k l qo/k
 izku d jrh gā¹⁴ ufn; k ?kr ds rē; i'V d k d , oa
 e'k ty nrh gā¹⁵ l emz dk egRb crks gā dgk x; k
 gS fd l emz jru vkn /ku dk nrk gā l emz o"Hz dk
 vk'kj gā ; g fo|q dk d'kz gā¹⁶
 ty dh egūk dks ekuo t hou ea i'frik nr d jrs gā on
 d grs gā fd ty dks n'kr u d j'ka ty dks 'lq j'k
 ik'Vd xq'k l s ; q' d j'sk vLg vLk/k; ka dks ty l s
 l h'p dj l q'f'kr j'k¹⁷
 _Xon ds, d eU= ea dgk x; k gS fd gs ijeReu! gea
 izvk k j'gr ty| vLk/k; k vLg /ku nka izvk k j'gr
 ty gh LokLF; ds fy, y'k d jh gā¹⁸ bl h izlj , d
 vLg ea- ea dgk x; k gS fd ufn; ka vkn ds ty dks
 izvk k e'p j'kus dk mik; gS ; KA ; K dh l q'U'kr
 ok; q ty ds izvk k dks u"V d jrh gā¹⁹

Hwdk l j'k kē
 oSnd l kgr; ea Hw dk rRi; Z |lok i fFloh l s gā
 |lok i fFloh ea l wZ vkn y'kd| vLrj'k vLg i fFloh rhu
 dk leko'k gā |lok i fFloh ij Lij l a) gā buea
 i k; & i k d l EcU'k gā At k izku djus oky l wZ gS
 rFk vLrj'k o'V dk d j' d gā vLg i Foh At k vLg
 o'V nka dk mi; kx dj vLkn dh l ef) l s ekuo
 t hou dks l p'kyr d jrh gā ; srhu i j Lij vuq; w gā
 bu rhu dh l ef) rFk l j'k k ds fy, oSnd ea-ka ea
 lk; k r funz k gā
 onka ds vucl ea-ka ea |y'kd dks fir k rFk i fFloh dks
 ekrk dgk x; k gā²⁰ ; fn |y'kd izn'kr glrk gS rks At k
 ds l r'ka dks glku igp'rh gS vLg ; fn Hē izn'kr glrk
 gS rks ekuo t hou l adV ea i M+ t r'k gā vr% nka ds
 l j'k k ij cy fn; k x; k gā onka ds vucl kj ft l izlj
 ekr'k fir k dh l ok djuk muds u"V l s cpluk vLg
 mudh j'k djuk i'q dk d'k'k gS ml h izlj izlfr dh
 j'k djuk ml dks izvk k l s cpluk vLg ml dh /k'g j
 dk l nq'k djuk gekk d'k'k gā
 _Xon ds, d ea- ea dgk x; k gS fd i fFloh ekrk gea
 e'k n'k , oa vucl ty nrh gā |y'kd ver nrk gā
 ; g ver nks : ika ea gS & l wZ l s At k rFk izlk k , oa
 cnyka l s ifo= ty A²¹ vFloZn ea dgk x; k gS fd
 |y'kd vLrj'k vLk/k; k vLg ty ; s l Hh ges e'k r'k
 izku d j' vFkz~ ; s izvk k e'p r'k g'k t hou dks
 l q'le; cukseal g'k d gā²²
 Onka ea vucl LFkka ij |q'k dks izvk k l s e'p j'kus
 dk funz k fn; k x; k gā vLg dgk x; k gS fd , l k d'k
 dk Zu d j' ft l l s budk glku igpā _Xon ds, d ea-
 ea p'k'ouh nrsgg dg x; k gS fd |q'k v'p'ru rRb gā ; s
 gekj s j'kd gā ; fn budk izn'kr fd; k t r'k gS rks
 fouk k foif'k vLg l adV mi l Fk r'ka²³
 ; q' o'z ds, d izl) ea- ea |q'k vLrj'k ty
 vLk/k; ka vLg ouLi fr; ka l s i'k'k dh xbZ gS fd os
 izvk k e'p r'k g'k geal q'k k'ur izku d j'ka
 ; q' o'z ds, d vLg ea- ea dgk x; k gS fd |q'k dks l k'k
 ekuo dk c'k'j'k dk l EcU'k gā ; fn ge budk l j'k k
 d j'k rks os Hh gekj j'k d j'ka bl dk v'k'k ; g fd
 ; fn ge izlfr dk l g; kx d jrs gā |q'k dks iz'k
 j'k rks os Hh geal q'k j'k ; fn ge izlfr ds
 foijr tk xa vLg ml dks d"V nks rks izlfr Hh gea
 d"V ; k foif'k n'k' or'ku le; ea budk i'k'k
 mn'g. k fnu iz'f'nu n"V x'k'j glrk j'rk gā lk; kōj. k
 izvk k rFk ok'k'j. k ea vl'ryu ds d j'k fo'ky
 i'k'f'rd vkn; a v'k'j'rh gā rFk ?k'j fouk k glrk
 j'rk gā vr% ; q' o'z ea dgk x; k gS fd rē |q'k v'p'ru
 vLrj'k vLg ouLi fr; ka dks glku u igp'k²⁴
 vFloZn ea Hh bl izlj ds vucl ea-ka dk mYyq k i'k
 glrk gā dgk x; k gS fd ge i fFloh ds ft l Hkx dks
 [k'rs gā ml s fQj i'k d j'ka fdl h Hh voLFk ea i fFloh
 ds gn; vLg xHZFky ka dks glku u igp'k A bl dk
 v'k'k ; g fd ; fn ge i fFloh l s d'k'Z Hh [kut & i'k'k
 rFk /k'q'vkn dk [ku d jrs gā rks ml f'j'Dr gā LFku
 dks fQj i'k'Z d j' vU; Fk Hē l r'gyu fcxM'k gS vLg
 Hē l Hē dk ne t'k'k tykn ds l r'ka dk l v'k
 t'k'k vkn l adV m'ri'k glrs gā bl ea- dks i'k
 iz'k'ka-h J'rh b'nj'k x'k'k us fo' oizvk k fuolj. k
 l Eeyu ea mn'kr fd; k Fk²⁶ , d vLg LFku ij

vFlozn ea dgk x; k gS fd nōx.k i fFloh dh l nk j {k djrs gā osbl dh j {k eadHh izēn ughadjrs gā²⁷

o{&ouLifr l j {k lē

onka , oa cge.k xLFka ea o{&ouLifr; ka dk cgr egRoiwZ o. lū fd; k x; k gā vFlozn ea dgk x; k fd o{&ouLifr; ka eal Hh nōka dh 'kDr; k fo | eku gā , d vū ea= ea dgk x; k gS fd vskf/k ka invk k dks u"V djr h gā bl fy, bUga fo"nōk k' dgk x; k gā²⁹

_Xon ea o{&ouLifr; ka ds fy, dgk x; k gā fd ; s ik lok q (Oxygen) : ih ver ds nrk gā ; s cū dks 'kDr inku djrs gā vr% budh l nk Lr' dh t kuh plg, A³⁰

O{&ouLifr ekuo ek= ds fy, 'kDr ds l k gā , d vū ea= ea dgk x; k gS fd o{&ouLifr vskf/k ka vls oul ; s i j e k d s f n, g q o j n u g ā ; f n ; s u g k s r k s e u q ; d k t f o r j g u k d f B u g s t k r k g ā³¹

vFlozn ea dgk x; k gS fd o{ka ea nōka dk fuokl gā ; s i n v k k : i h j k l k d s u"V d j r s g ā³² o{ k g e k j s f e = g ā³³

, r j s c g e . k e a o { & o u L i f r d s i k k d g k x ; k g S D ; k d ; s e k u o e k = d s i k l o k q (O x y g e n) i n k u d j r s g ā³⁴ v s k f / k k v s k v F l z & n l k a , o a i n v k k d s l e d r d j r h g ā v r % b U g a v s k f / k d g k t k r k g ā³⁵ i j e k e k d k t k s m x z # i ; k # n z # i g s m l s b u o u l i f r ; k a d h m R f ū k g p z g s b l m x z # i d s d j . k g h & ; s o u l i f r ; k a n l k a , o a i n v k k d s u"V d j r h g ā³⁶

'kriFk cge.k ea Li"V : i ea dgk x; k gS fd o{&ouLifr 1/2 k f / k k / 2 k k f r v F l z ~ f ' l o d s # i g ā³⁷ Hxoku f'lo dk f'loRo ; gh gS fd og fo" k dks ihrs gā vls ver dks inku djrs gā ml h izlj o{&ouLifr f'lo ds #i gā ; s d c z i & M b z v d l k b M (O 2) # i h f o " k d s i h r s g ā v l s v d l h t u # i h v e r 1 / 2 k k o k q d s N k s r s g ā ; f n o { k a d s d k v k t k r k g s v l s i n v k k d k f u ; a . k u g h g r k g s r k s f ' l o d k l g j ; k f o u k k v o ' ; H h o h g ā

; q o z d s # n z ; k e a # n z d s f o " k e a d g k x ; k g S f d # n z i f f l o h l e q z v ū r f j { k v l s | q / k d l l o z f o | e k u g ā # n a d h l q ; k v u ū r g ā H w i n v k k t y & i n v k k o k q i n v k k v ū r f j { k i n v k k v k n f ' l o d s # n z # i g ā ; s l f V d s l g j d g ā³⁸

onka ea dfri ; , d s o { k a v l s v s k f / k k a d k o . l ū g s t k s i n v k k d s j k r s g ā b u e a i z d k g ā v ' o r f k 1 / 2 h i y l e d ā B 1 / 2 l y { k h i y [k u] i k d j 1 / 2 [k n j 1 / 2 m n q j 1 / 2 y j 1 / 2 y k k 1 / 2 k l 2 i y k k 1 / 2 d l 1 / 2 l e 1 / 2 k e y r k 1 / 2 e n d k 1 / 2 e y g B l 1 / 2 v k n A³⁹

ihiy 1/2' o r f k 1 / 2 d k o n k a e a c g r x q k x k u g ā i h i y e a n o k a d k f u o k l e k u x ; k g ā o k k f u d # i l s H h i h i y d k z i M b z v d l k b M (O 2) d h e k = k v f / k d [h p r k g s v l s v d l h t u d h e k = k v f / k d N k M r k g s v l s i n v k k n j d j r k g s v r % b l d k c g r e g R o g ā l a r % b l f y , b l d h i v k d h t k r h g ā⁴⁰

bl h izlj onka ea xyj dh Hh izlā k dh xbZ gā dgk x; k gS fd t g k rd xyj dh l q U k t k r h g s o g k rd d k z c h e k j h v l s i n v k k u g h j g l d r k g ā⁴¹

bu rF; ka ds vfrfjDr onka ea; K] v f ū] l w z r F l k i o z d s H h i n v k k u k d c r k k x ; k g ā ; K d s f o " k e a d g k x ; k g S f d ; K o g o k k f u d i z o ; k g s f t l d s } k j k o k q a m y e a v d l h t u (O 2) r F l k d c z i M b z v d l k b M

(CO₂) dk l ū r y u c u k j g r k g ā i z l f r e a , d p o (Cycle) d h o o L F k g s f t l d s v u q k j i z d i n k F l z v i u s e y L F k u i j i g r k g ā b l i k d f r d p o d s g h i j H h ' k r ' k n o y h e a ; K d g k t k r k g ā ; g i k d f r d ; K f o ' o e a i f r { k k p y j g k g ā ; t o z e a d g k x ; k g s f d ; g ; K l f v p o d k d i z h (N u c l e u s) g ā⁴²

; K d s l e ; e a l a d k l L o j i k B / o f u i n v k k d h l e L ; k d k m ū e g y g ā l L o j e a i k B l s g l a s o k y h / o f u & r j a a / o f u i n v k k d k c g r v ā k r d u"V d j n r h g ā b l h i z l j _ X o n r F l k v F l o z n e a u n h r y k l a v k n d s t y d s ' h j d j u s d s f y , ; K d s v o k ; d c r k k x ; k g ā ; K d h o k q k k d i z o ; k l s t y H h ' h j g r k g ā⁴³

; K d s } k j k , d L F k u i j , d f = r g l a s l s o k q x e z g k d j g y d h g s t k r h g s v l s o g A i j m B r h g ā m l d k L F k u n w j s L F k u d h o k q v d j y s y r h g ā b l i z l j n w j k L F k u ' h j o k q d s v k u l s o k q i n v k k n j v g r k g ā ; K e a i z T o f y r g l a s o k y h v f ū d k H h i n v k k d s u"V d j u s e a e g R o i w z ; k n k u g ā

onka ea lk kōj . k i n v k k d s u"V d j u s d s f y , l k s A t l z d s H h v e l k v l = c r k k x ; k g ā m f n r g l a s g q l w z d s f o " k e a d g k x ; k g S f d ; g f n [h b z i M a s o k y s v l s u f n [h b z i M a s o k y s l H h i z l j d s i n v k k d s u"V d j r k g ā⁴⁴ l w z d s l e k u i o z H h i n v k k u k d g ā ; g o u v k n d s } k j k o k r o j . k d s ' k k d g ā i o z ' h j o k q i n k u d j u h j k r k v l s j k s & f u o k j . k d s v k h j g ā _ X o n d k d F k u g s f d i o z ' h j o k q n c l j e R q l s j { k d j r s g ā v r , o i o z l a l s j { k d h i f l z k d h x b z g ā⁴⁵

orZku ifjiā; ea lk kōj . k i n v k k , o a m l s c p u s d s m i k %

lk kōj . k i n v k k d k i z h o , o a i f j . k e o r z k u e a H k l o g : l k e a i f j y f { k r g l s j g k g s f t l d k , d u o h u r e m n g . k d n l e ; i w z d n j u k f k e a v k b z i k d f r d v k i n k g ā l k kōj . k i n v k k i j d n y l a d s } k j k f d , x , v / ; ; u k u q k j i f r o " l z 6 0 y k { k g d v s j m i t k ā H h e ' k d v u q ; k s h e # L F k y l a e a : i k a f j r g s t k r h g ā d n l e ; e a ; g H h e y x h x l A n h v j s c ; k d s { e Q y d s c j k j g l s t k s h a b l h i z l j t h o k e b ā l u d s t y k u s e a o k q a m y e a d k z i & M b z v d l k b M d h e k = k c + t k r h g ā t k s f o ' o d s r k i e k u d s f u j ū r j c < k j g h g ā , d v / ; ; u d s v u q k j d k z i & M b z v d l k b M d k L r j / h j s / h j s n a u k g l s t k s h a v r % v k u s o k y s d n o " k a e a f o ' o d k r k i e k u b r u k c + t k x k f d l k h / h p h c Q Z f i ? k y t k x h r F l k u f n ; k a e a c k + d h l F l k r g l a h v k k u i j r l k kōj . k d k , d v f r e g R o i w z v M k g s t k s , d l q { k d o p d s l e k u d k Z d j r h g ā f d ū r q v l s k x d x s k a d s i f j o g u d s d j . k v k k u e m y d k b r u k [k r j k g l d r k g s f d e k u o r F l k t a r q k a d s f y , ? k r d g l d r k g ā b l l s d ā j j k s c < s k v l s e g l k x j a d h v k h j J ā h y k a r F l k H o y L r j i w z # i l s f o " k s k c u t k x k f t l s i q % ' h j d j u k l h o u g h g l a

lk kōj . k i n v k k d s i f j . k e l a d h H k l o g r k d s n s k r s g q v u s k u s l l k kōj . k l j { k k v f / k u f ; e y k w f d ; s x ; A f t u e a l c l s e g R o i w z 1 9 6 8 d k l k kōj . k e a 1 / 2 j ā k k 2 v f / k u ; e g s f t l s t w 1 9 7 2 e a l v k d l g l e v k k t r l a q r j k v a e k u o l k kōj . k l e s y u } k j k t k j h ? k s k k k d h v a f u f g z H h o u k d s v f / k u ; e c u k d j H h j r l j d j u s y k w f d ; k

bl vf/kfu; e ds iwZ ea vS ckn ea Hh Hjr ljdkj }kjk vucl vf/kfu; e cuk x, A ft uea 1981 dk ok q inZk k fujk , oafu; a. k vf/kfu; e (The Air Prevention and control of Pollution Act), 1974 dk ty 1/2 inZk k fujk , oafu; a. k/2 vf/kfu; e (The Water (Prevention and control of Pollution Act), 1972 dk t hou l j {k k vf/kfu; e (The Wildlife Protections Act) ft ls 2002 ea l ak/kr fd; k x; k 1980 ea ikjr vS 1988 ea l ak/kr ou l j {k k vf/kfu; e (Forest Prevention Act) vkn egr i wZ vf/kfu; e gA

fu" d" k% dg l drs gA fd Ik kZj. k inZk k dh H; kogrk ds nq krs gq orZku le; eagejh ljdkj Ik kZj. k ds l j {k k , oal o/ku ds fy, ft rus vf/kfu; e cuk jgh gS mudh ulm gt kja o"Z iwZ onka ea j [kh tk pph gA osnd l unHkl s Kkr gkuk gSfd bl ea Ik kZj. k inZk k dks nV djus ds fy, fdrus egr i wZ rF; rFk lekhu ikr gks gA Ik kZj. k inZk k ds }kjk Q fDr ea ekul d fucZrk d opjla dk vkul nq l uka e i n fUj vRegr k t s s n f o p j l a dh vS i n f Uj ekul d rulo vkn jks Hh mRi tu gks gS bl ds fy, onka ea fn, x, lekhu l Hh izkj ds ekul d vS cS) d jksla dks nV djds f'kol dYi] l nHko 'kUr vS uljkrk dks inku djrs gA ; fn orZku le; eal ekU; tu ds }kjk onka ea of. kZ Klu dks vius thou ea vuq fjr dj fy; k tk rFk ljdkj }kjk cuk x, vf/kfu; eka ea d n l lek rd osnd l nHkl dks l fefyr djus dk iz kl fd; k tk rFk ejs fopj ea fuf'pr : i ls u d o y Ik kZj. k dh n'V ls vfirqt hou ds iR; d {s= ea ekuo ek= dk rFk fo' o dk dY; k k l EHo gA

l unHZl p l &

1. vki k okrk vsk/k %
2. ; nns okr rsxgs verL; fuf/kgr%
3. Rku uls nsg t hol sA ----- _ Xon 10-186-3-
4. Uwfpuqok kjerafonL; r~A _ Xon] 6-37-3
 - i) | lok -----vki vsk/khoZuukfu0 A ----- ogh 10-66-9
 - ii) /rklzksfno% ----- okrk% it Z; k0 vki vsk/k% izfrjUrQA ogh 10-66-10
5. f=% l Ir l l k u | s eghj i k ouLi rhu~ioZku~vfXuHov; A ogh 10-64-8
6. fnoLi fFkQ kjo vk o. kregS fl Uku ioZku] l wZm"kd e~bzgA ogh 10-34-2A
7. ; qoak k Zork p Hqokfu j {kFA --- vFloZn 4-25-3
8. vk okr okg Hskt afo okr okg ; n~ji% Roafg fo' oHskt nokulanw bz l A ----- ogh 4-13-3
9. egr~rnqcaLFfojarnkl h~ ; sikof"Vr% i foof' kFki % ----- _ Xon 10-51-1 RL; kr tk ekul; mYc vkl hn fgj. ; ; % ----- vFloZn 4-2-8
10. vllorje're~vll qHskt eA ----- _ Xon 1-23-19
11. vll q-----vUrfoZokfu Hskt kA vki 'p fo' oHskt hA ----- _ Xon 1-23-20
12. vFloZn 3-31-11
13. ogh 6-24-1
14. _ Xon 7-74-4
15. ogh 10-64-9
16. l emz vUrufuzgrkl ukHkA -----vFloZn 1-13-3
17. Ek i k fga h ek vsk/kfga hA -----; t qZ 6-22

- vi% fi Uo vsk/kHft ZbAA-----o
18. _ Xon 6-39-5
19. viks nol% ----- fl Ukh % dRoZgfo% ----- ogh 1-23-18
20. i) ekrk Hfe% i e ksgai fFkQ hA -----vFloZn 12-1-12
 - ii) HfeekZk HkrUrj {le~ | kSi fir kA ----- ogh
 - iii) | lok i fFloh ----- fir k ekr kA ----- _ Xon 5-43-2
21. ; H k ekrk e/kr fi Ubrs Lo% ih vk /kSA ----- ogh 10-63-3
22. e/krhj ksk/h | kZ vki k e/krUks Horq vUrj {le~ A -----vFloZn 20-143-8
23. | k p u% i fFloh p i pr l % ----- j {krle~ A ek nZn=k fu _ ZruZbZrA ----- _ Xon 10-36-2
24. | k% 'kUr% vUrj {k 'kUr% i fFloh 'kUr% vki% 'kUr% vsk/k% 'kUr% ouLi r; ; 'kUr% A ; t oZ 36-17
25. (i) vorlaRk | lok i fFlohA -----; t oZ 2-9 vo Roa | lok i fFlohA -----; t oZ 2-9
 - (ii) ek | lok i fFloh vFk k p l Ek vUrj {k ek ouLi rhu~A ----- ogh 11-45
26. ; Rrs Hov fo [kuf] f [ki arnfi jgrA Ek rs eeZ foeXofj] ek rs gn; efi ZeAA -----vFloZn 12-1-35
27. ogh 12-1-7
28. Or /ks oSonsol% mxk% i # "kt hou hA ----- ogh 8-7-4
29. mxk ; k fo"knk h% ----- vsk/khA ----- ogh 8-7-10
30. fuR; Lrks= k ouLi fr% /hukeUl cnZkA --- _ Xon 9-12-7
31. (i) ouLi frH% Ik kHval gA ----- _ Xon 6-47-27
 - (ii) vsk/khoZLi rhu~ i fFloh i oZku~vi% --- ork fol t Urk vf/k {kFA ----- ogh 10-65-11
32. ouLi fr% l g nosZvkuj j {k% fi 'kpuj viok/eku% A -----vFloZn 12-3-15
33. ouLi rs -----vLer l [hA ----- ogh 6-1-25-1
34. i k ks oSouLi fr% A ---, rjs cka. k 2-4
35. vsk/k frrr~ vsk/k % l ehou~ A --- 'kri Fk cge. k 2-2-4-5
36. ; n~mxk no vsk/k k ouLi r; LruA dks h0 ch0
37. vsk/k k oSI' k fr% A -- vFloZ 6-1-3-12
38. vl d; krk l gl k kh ; s #nk vf/k Hh ke~A vLeu~egr; . kZs . Urj {k Hok vf/kA fnoa #nk mi fJr hA -----; t q 16-541 s 56
39. vFloZn no% A ----- 5-4-3] 5-5-5] 6-10-2-3] 8-7-20
40. v"oFks nol nu% A ----- ogh 5-4-3
41. u ra; {ek v#UkrQA