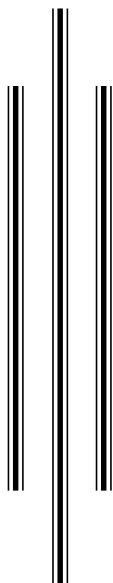


kzk+flaf6 dflg; df ; gl
h'gfpls /fux?



sif ; r'gf tyf ; ff/ sfb|

kzk+flaf6 dflg; df ; g[hgfb6s /fux?M



8f-azl zdf{
al/i7 kz'IrlsT; s
s[bbp kz' /f[c[j ifof kof[uzfnf, lqk/7j /

lj Zj :j f:Yo ; u7gn]hgfl] ; e[gn]To:tf]/f[unf0{hgfp5, hg /f[
d?b08 ePsf]kzk+fl / dflg; lar ; b5 .

s= /f[usf]k[efj]M

!_ la/fdl xg].

@_ cfly\$ gf\$; fgl .

#_ dflg; df gsf/flDs k[efj lb3\$fnlg ?kdf /xg].

\$_ eo / qf; dflg; df xg]h:t}j 8{^n\$[8/ .

%_ ; do v] hfg].

v= 0[k8]dof]hlsn cfwf/M

!_ **Incidental host-**lj j of, lj ifof s[)klg hgj / dflg; df nllg ; Sg].

@_ **Link Lost- maintenance host** / dflg; lar khsf]sfd ug].

#_ **Amplifier host-**cfk[ef] ; e[ndOf e0{cem; of;uoff al9 ef0/; tyf
hlj of' j ftj /of j f c[6o kz'÷dflg; df ^ofNlg].

u= /f[; fg]dflbdlM

!_ lb; f

@_ lk; fj

#_ yofn

\$_ /ut

%_ b[ww

^_ ; #u{tyf xj f k[bf of cflb .

3= hgj /af6 dflg; df ; g[/f[udf kfg]cj :yflM

!_ lj /fdL kz\$[cj :yf .

@_ hgj /df xg]incubation period -/f[nfu] nlf of b]vg]; do_ .

#_ l; w}; e[ndOf ÷; #u{

\$_ hgj /sf]3gTj .

%_ kz' kfg klj lw ÷t/lsf .

^_ ls6\d'; f cflb lgo6q0f .

&_ slQsf]xflgsf/s lhj f0f =lj iff0f' xg]. * _ /f; g[dflbd .

8= hgfl; ; sf]j ul\$/0fM

lj Zj :jf:Yo ; u7g (World Health Organization) sf] hgfl; ; sf] lj z]f;f sdl6ln]lgDgfg'; f/sf] hgfl; ; sf]j ul\$/0f u/L /f;sf] lgo6q0f ug]of]hgf agfpg ; xof; k%ofPsf]5 .

!= l; wf hgfl; ; (Direct zoonoses)

l; wf ; Dks{ ; qmd0f / kb]f0faf6 Ps af6 csf]hgj / jf hgj / af6 dflg; df ; g] h:tM/lj h / a] hf

@= Cyclozoonoxes

Ps e6bf a9l hgj / ; g]qmdf pko] xg]. h:tM-df65df xg] 6lgof; ; / 0sf0gf\$]f] ; (Echinococcosis)

#= Metazoonoses

/f;sf]lhj f0f; lj iff0f' d]b08 gePsf]ls6 ls/ cflbdf a9y]x65 / kl5 /f; d]b08 ePsf]kz' jf dflg; df ; b5 . h:tM cfj f]ef0/; , l; l:6; f]lof; L; .

\$= Saprozoonoses

of]hgfl; ; df hgj / ge0{lj ?]f, kft, df6f]/ h]j s kbfydf / f;sf]sf/0f e0{kz' tyf dflg; df /f; ; b5 . h:tMnfef\$]; qmd0f(Larva migrans) / 9; lh6o /f; (Mucotic disease) .

r= /f; ; fg]lbzf (direction of Transmission)

!_ Anthroozoonoses -dflg; df tNnf]hftlsf d]b08 xg]hgj /af6 ; g]/f; .

@_ Zooanthroozoonoses -; qmd0f dflg; af6 hgj /df ; g].

#_ Amphixenoses -dflg; df / hgj /df ; qmd0f xg]/ b] df ; qmd0f Psaf6 csf]df xg ; Sg].

laiff0f4f/f nflg]hgfls /f;M

/lah

/lah k]0f3fts /f; x]. kzaf6 dflg; df ; g]hgfls /f;df of]

klg kb5 . of] *Rhabdo virus* gfdS lj iff0f4f/f ; b5 . ; fdf0otof axhf s5/, :ofn cflbn]6f\$df dflg; tyf tftf]/ut xg]hgj/ (Warm blooded animals) of]/f\ufsf]lzs/ a6g kllb5g\ df65]of]/f\uf nfu] kl5 kfglaf6 8/fp5 / o; nf0{Hydrophobia klg elg65 . of]/f\uf laiff0f6af6 x65 . o:n]:gfo'k0ffnldf c; / kfb5 .c; W0 lj iff0f' /f\uf kz5sf] %ofndf x65 . ha s5/ jf :ofn cflbn]6f\$5, tj laiff0f' z/l/df kj z u/l :gfo'jf Lymphatic system af6 z/l/nf0{/f\ufaf6 cfsff;t tNofp5 . hlt 6fpsf\$]ghls 6f\$5]x65, Totl g}rf8f]/f\uf]nl0f b]v65 .nl0f b\y]kl5 pkrf/ u/\$f]sg}knf06f 5g\to; h]/l]hsf]olsg jf zsf nfu]df vfk ; jf lng'ck/lxfo{5 .

/l]hsf]lj iff0f' b0{k\$5/sf]x65 .

s_ :6\6 ef0\; M

of] z/l/sf]sg}klg efuaf6 kf0Psf]/l]h lj iff0f' xf] . /l]h nfu\$]kzaf6 of]/l]hsf]lj iff0f' 56ofpg ; ls65 .

v_ lkns; ef0\; M

ha :6\6 ef0\; nf0{v/fof0f ; 0[nufP/ w]}passage u/kl5 ef0\; nf0{ dl:tisdf localize u/l65 . h:nf0{lkns; ef0\; elg65 . nf0{ kf:r/n]; jkyd of]/f\uf la?4 vfk\$]lasf; u/\$f lyP . /l]hsf]ef0\ ; %) l8ul ; l; lo; df !% ldg0df gi6 x65 . gkfn\$]; G6df /l]h /f\uf af/x dlxgf g}b]vPsf]5 . lautdf b]y, snl\$0, hfh/sf0, tkyd, ef]k', tfknh8=, kfry/, wflb8= cflb lhNnfdf /f\uf kn]Psf]/\$8{5 .

ci6\hof /lah /f\ufaf6 dQm5 . G0hnh08sf]; fy}c6o lak /fi6df klg /lahsf]k\$fk 5g . la00df !, @ j6f /lah /f\uf a]hf avt /\$8{ ul/Psf]5 . t; y{ol /fi6df s5/nf0{^ dlxgf; Dd Sj f/06f00df /Vg] ul/65 . of]JoJ :ydf la00df xfn s\l vshf]ul/Psf]5 .

gkfn\$ /lahsf]b0]6f rqm zx/l rqm (Urban cycle) / h· nl rqm (Sylvatic cycle) kf065 . ; fdf0otof zx/df 5f8f s5/ / ; 8sdf kf0g] ; fdbflos s5/x6 dl6b/ / updf /xg]/ kfl't' s5/ 3/df kflng] x65 . o; dlw]5f8f s5/x6 l; gf]tyf kn]x] ykf/\$f]7fpdf vfgsf]nflu lge\ /x65g\ o:tf]; d\af6 /lah nflu c6o kz' dflg; nf0{6f\$df /f\uf

; b5 . h· nl hgjj / h:t}:ofn, Aj f; f] knp/f]cflbn]sS' j f 3/ kfn] f
kz'tyf dfG5]hf0{6f\$df /f] ; b5 . dn; fkl tyf Gofp/L d; fsf]6f\$0af6
klg /lah /f] nfb5 . o; nf0{dWbsfnlg rq (Intermediate cycle)
elg5 . gkfn -sf7df8f]pkTos_ df lj iff0' >lnsf tyf ef/tdf kf0g]
lj iff0eGb DNA Sequences df km/s 5 .

nlf0M

!= sS' M

/f] ; g]cj lw !\$ lgb]v ^ xktf x65 . t/ ^ dlxgfk15 klg /f] b]yf
k/\$f lj j /ofx; kf0G5g\

-s_ kyd r/0fdf a; f0{x]f0df kl/j tG x65 .

- c_ ; d:of u|t b]v65 .
- cf_ dfins jf c6o sS'; ü ldn] a:g rfxbG .
- 0_ w]}r-rn jf rkrfk a:b5 .
- 0{ o; kl5 km/lo; jf 8d k\$f/sf]/lah nlf b]v65 .

-v_ bf] r/0fsf]km/lo; /lahM

- c_ sS' bf]8g] af6df kg]sg]lrh j:t'; kz' dfG5]hf0{6f\$g].
- cf_ els/xg].
- 0_ nfdf]b/L to ug]/ 3/ kmsG]jf gkmsG]klg ug(; Sb5 .

-u_ t] r/0fsf]km/lo; /lah M

- c_ dfzk]lsf]klf3ft xg].
- cf_ kç:t ¥ofn sf8L/xg].
- 0_ ?vf]eSg]jf eSg g; Sg].
- 0{ 6fpsf]lgx/fpg]/ lha]afix/ lgsfng].
- p_ k5f18sf]v\$ sf sdhf] e0{/fd/L lx8g g; Sg].
- pm_ /f]sf]nlf ; fdfotof \$ b]v & lbg; Dd /xG5 . t/ j 9ldf !)
lbg; Dd klg sS' afr5 .

-3_ 8d /lah M o; k\$f/df kl3ft b]v65 .

- s_ sS' ; 't x65 .
- v_ rf8]g]klf3ft b]yf kb5 .
- u_ zfçt; ü ag\$]@ lbgleq sS' db5 .

/fʊsf] klxrfg M

kɔfʊzfnfd d/ʃf] sʂ/sf] dl:tissf] k/lifof u/l gʊll a8l (Negri bodies) kʰt u/l /fʊ olsg xʂ5 .

@= uf0{M

/lah /fʊaf6 uf0{rf8}g)kɔfij t xʂ5 . /fʊ ; gɪcj lw @ bɪv !) xktfsf] xʂ5 .

nifof M

- s_ tl; ǫ] sǫ]j :tdf xʂg vʰg].
- u_ wʰf]ʃ?kdf k6s k6s s/f0{/xg].
- .a_ lrx uʰf]dfg] ?!sgzʂg a6b xʂ5 .
- 5_ ubaf/sf]klBft xg].
- v_ dfzkʂlsf]sDkg xg].
- 3_ ʌofn sf8g]bft ls6ls6fpg].
- .r_ k6 kʰng]c6o kz'dfly r9g].
- h_ lgNg cK7f/of]kg].

/fʊ lgbfg kʂɔf M

s_ gʊlla8l xʂ] M

dl:tissf]efunf0{8fon6 u/l ; ʰf/ :6g] u/l df0ʃf]sf]kdf xʰf[inclusion bodies sf]ʃ?kdf gʊlla8l bɪvʂ5 . ; fy}direct Fluorescent microscope df klɔ /lah /fʊ lgbfg u/lʂ5 .

v_ afonfʰlsn 6]6M

d'; dfd dl:tissf]8fon6 u/ʃf]efunf0{intracerebrum ; 0{ lbPdf @ bɪv # xktfdf d'; dfd /lj hsf]nifof bɪvʂ5 .

u_ /k8 6]6 M

dl:tissf]efunf0{8fon6 u/l sɪx yf]kʰ /k8 ls6df /flvʂ5 / !% lɔgɔ kl5 b0{6f Aof08 bɪvPdf kʰhll6e gtlhf xʂ5 . t/ of]dfq gtlhfsf]e/df kgʰxbɔ . t; y{afonfʰlsn 6]6 clɔj fo{ʃ?kdf ugʰ kbʂ . gʰkʰndf of]/fʊsf]lgbfg ; j f sɪbɔp kz'/fʊ cɔj ʰf of kɔfʊzfnfd pknAw 5 .

/fʂyfd M

- != axhf sʂ/n]6ʃdf dgtftf]kfgl / ; fagn]3fp wʰ0{; kʰf /ʰvg].
- @= kʰf; kfgl !M)) sf]emʰ agf0{3fp ; kʰf ugɪj f l66r/ cfof]8g aɪhg j f # klʰzt sfaf]ns Pl; 8sf]3fp ; kʰf ugɪ].
- #= kʰnt'sʂ/nf0{# dlxgf kuʰl5 ! k6s / kɪoʃ j if{gʰh/ofg EofS; lg

! Id=In= nufpg].

\$= 3/ kfn] f kz; sS/ cflbnf0{h· nl hgij /af6 6f9f /Vg].

%= lgs:h j l/kl/sf] l f qdf kzhf0{clgj fo{?kdf aw] f u/l kfllg].

^= sg} klg sS/n] df65] j f hgij /nf0{ 6f\$df pQm 6f\$g] sS/nf0{
gdf/L !) lbg; Dd lgo6q0fdf /Vg' kb5 . !) lbgleq gd/df /l]ah
dQm egl yxf x65 .

&= axhf sS/, :ofn cflbn] 6f\$df kzdf lgdg cg; f/ Nejarab tissue
culture Vaccine ^ lbg lgdgfg; f/ ; do calwdf ug].

-s_), #, &, !\$, #) / ^) lbgdf ! Id=In= .

-v_ e\$ f, afv f! Id=In= s/C ; 0{lbg].

-u_ au/ ! Id=In= 5fnfdgl s/C ; 0{lbg].

-3_ sS/ ! Id=In= s/C ; 0{lbg].

Nejarab tissue culture Vaccine /l]ah /f] EofS; lg pTkfbg
sfoffo lqk' j /df tof/ ul/65 .

*= zsf:kb d/\$f]kzhf0{/fd/l ulx/f]vf8n vg] uf8g]/ dflyaf6 rg
5s6].

(= ¥ofj lhlg, ¥ofj Eofs cflb tissue culture Vaccine cflb ! Id=In=
5fnf dgl), #, &, !\$, #), ^) lbgdf ; 0{nufPdf klg axhf sS/n]
6f\$df /f\$yfd ug] l6:osNr/ EofS; lg xf].

!)=Hyperimmune Serum klg nufpg ; lS65 .

Pleog OGkmlGhf (a8{knh")

of]/f] sv/f, xf; +6sl6f nllg]; ?j f /f] xf]. of]Ps k\$ f/sf]
laiff0faf6 xg]/f] xf]. of]OGkmlGhf P laiff0h]ubf(x65 . laiff0sf]; txd
ePsf] !% j 6f lxdfUnl6glg / (j 6f 6o/fidlg8]h kfl]gsf] cfwf/df
lale6g kl]ftldf of] laiff0' laefhg u/lPsf] 5 . gfs, d'vaf6 lg:slg]
kbfy / ; hlaf6 /f] l56f] l56f]; b5 . of]/f]df d[ob/ !) b]v !))
kl]tzt; Dd x65 .

df]g; df of]/f] ; sl]dt lhpb]j f d/\$f]r/fsf]k]oIf ; Dks6f6
; b5 . ck]oIf ?kdf j ftj oflo >f] j f ; s]ds a:tx? h:t}; hl, df; '
/ c08faf6 klg ; b5 . of] laiff0' l56f] l56f] k/lj t6 xg ; Sg]ePsf]/

dflg; df of]/fū nfu] kg dflg; df ; g]cj :yfsf]laiff0f' lasf; ePdf
s/f8f]dflg; sf]d[o' xg ; Sg]; efj gf ePsfh]ubf{laZj Jofkl ?kdf of]
/fūsf]Aofks k|f/, k|f/ u/L /fūnf0{lgo6q0fdf lng]k0f; e0{/xšf]5 .

sv/fdf b]vg]nlf0fM

bfgf kfgl gvfg] b]nfpq] kñh kfg]sv/fdf kñh p]kfbg 36b}hf5 .
sv/fnf0{15p15p nlf05 . gfsaf6 kfgl alb5 . Zj f; kñg]{ck7of/f]kb5 .
6fpsf]cgxf/ / kjfvn]9flsPsf]7fpdf glnf]e0{; lG65 .
:gfo' lasf/ ; Dal6w nlf0f klg b]yf kb5 . lk70"lt/ 6fpsf]kmsf]5 . v6df
/ kv0fsf]k5of3ft klg xg ; Sb5 . cfvf a6b xg] n8=8f]xg] 6fpsf]
xlnfpq]ub5 . tLl0f nlf0f b]y]Pdf rf8}db5 .

pkrf/M

xfn; Dd sg]klg pkrf/ k0fj sf/L gePsf]. tfklg lalef6 /fi6\
h:t} leotgd, d]S; sf]/ kfls:tfgn]EoflS; g u/L /fūnf0{lgo6q0fdf
lnPsf]5 .

/fū lgo6q0f ug]Aoa:yfM

- !_ Sj f/06f06 Aoa:yfkg dha't kfg].
- @_ /fūdQm/fi6}af6 dfq kof/06:6s tyf sv'/f / sv'/fh6o kbfi cfoft
ug].
- #_ cf/fūAoa:yfkgdf Wbfg lbg].
- \$_ zsf:kb ca:yfsf r/fx?nf0{lgu/fgl df /Vg]/ To:sf]cf] f/ k; f/df
kl]ta6w nufpg].
- %_ hūnl r/f , kfxgf r/f (Migratory bird) af6 6f9}xg]tyf ltgsf]
lzsf/ u/L df; 'vfg]sbflk ug]{xb0 .
- ^_ /fū nfušf]vj/ t?6t ghlsšf]kz' ;]f s0b]jf lhNnf kz' ;]f
sf0f]h0df va/ ug].
- &_ d/šf]r/fnf0{/fd/L vf8n vgl uf8l lbg]ug]{kb5 .
- *_ of]/fūsf]lgbfg s]b0p kz'/fū c]j]f0f k0f]uzfnf lqk/7j /df x65 . t; y{
d/šf]r/fnf0{cf0; kofsd f ; /lft; fy l56f]; fwgaf6 k7fpg'kb5 .

/fglv] (New castle Disess):

of]/fū lj iff0f' (Virus) af6 ; g]clt g}; 0f]ds /fū xf]. of]/fū

lj Zj e/L kmhPsf]5 . o; n]ubf{ayfgsf ayfg sv/f db5g\ of]/f]usf] a9L c; / ; fgf]rNnf / sv/fdf kb5 . /fglv] kðv ?kdf sv/fdf g] nllg]/f]u xf]. tfglg o; n]6sl{ k/]f, xF, sf0n, 95%, pheasants / fowl nf0{klg c; / kfb5, o; n]ubf{sv/fsf]d[ob/ %)Ü b]v !))Ü x65 .

Sf/Of:

of] **Paramyxo** ; dXsf]lj iff0faf6 xg]/f]u xf]. dflg; df o; n] ubf{conjunctivitis x65 . of]kðf]uzfnfdf EofS; lg ; Sa6wl sfd ug] / / f]ul kHsf]x]rxf ug]dflg; nf0{dVo ?kdf x65 .

nlf0f:

/fglv] /f]un]ubf{Zjf; kZjf; k0ffnl ; Da6wl, :gfo' k0ffnl ; Da6wl ; fy}c6o nlf0fx? b]v kb5g\ . Zjf; kZjf; k0ffnl ; Da6wl nlf0fdf sv/fn]v]sg]/ ; f; km] {ufx]xg]kðv nlf0f xf]. rRrf]/ gfsf] kj fnaf6 kfgl h:tf]afSnf]kbfy{lgfN5 . o; n]ubf{/f]ul sv/fnf0{ ; f; km] / lgNg ufx]x65 . o; af6 dlQm kfgp 6fpsf]em6sfpg]/ 3f6L tf6g] ub5 . sv/fnf0{ltvf{nf]b5 . ; fy}Ps lsl; dsf]cgf]f]:j / lgsfN5 . *)Üsv/fdf o:tf]nlf0f b]v kb5 . o:tf]sv/f @\$ 306fleq db5 .

:gfo' k0ffnl ; Da6wl nlf0fn]ubf{sv/fdf df; kZ]lsf]sDkg xg] Ps]:yfgdf km]kmgL 3Dg] k5f18 lx8g] kvðf / v\$fsf]kliff3ft xg] 6fpsf]/ 3f6L a6fg]x65 . ol nlf0f ; fgf]pd]sf sv/fdf w]b]v65g\ jo:s sv/fdf w]b]v65g . @)Ü sv/fdf o:tf]nlf0f b]v kb5 .

c6o nlf0fx?:

sv/f em]mfpg] cfFf ; l6gg]/ o; af6 kfgl h:tf]afSnf]kbfy{lg:sg] ; p/ / nf]l glnf]xg]o; n]xl/of]/usf]lgs}u6xfpg]5b5 . kmh kfg]sv/fn]c08f lbg a6b ub5 . c08f g}k/f]df afix/L af]nf kftnf] ePsf]jf gePsf]klg xg ; Sb5 .

kf]6df66 hfF:

- s_ sv/fsf]kð (**Proventriculus**) sf] **Papillae** df /ftf]y]nf? x65g\
- V_ **Trachea, Brochi** cflbsf]leql efu /ftf]xg]sf] ; fy}afSnf]kbfy{hd\$]x65 . xjf y]lx? lkH ePsf]kbfy{eg[ePsf]wldnf]/usf]

b|v65g\

-u_ cf6b\$[f]leql efudf /Qm>fj ePsf]x65 . cf6b|fdf /ftf ; fgf 7hf
yflnfx? b|v65g\

-3_ cf7fdf afbn k/\$[f]x65 .

c6o /f|ux?af6 le6gtf (Differential Diagnosis):

-s_ sV//fsf] xhfl of] lj :tf/} kmh65 . /f|ul sV//fsf] /ut hfF ubf{
Pasteurella avi septica gfds hlj f0f' k|ft x65 .

-v_ **Larygo-trachitis-Larynx / Trachea** df /Qm>fj ePsf] / ; l6gPsf]
b|v65 . d[ob/ sd x65 . sV//fn]5b6 . rRrf]vfh| /fV5 / :jf;
k|jf; k|qmf lgs}lgoldt ?kdf x65 .

-u_ **Spirochaetosis** lkmof] / snh]f] 7hf] x65 . sV//fsf] k6
(**Proventriculus**) df /Qm>fj x65 . t/ /fglv]df h:tf] **Papillae** df
x65 . /f|u l9nf]kmh65 . /ut hfFdf **Borrelia gallinarum** e|665 .

-3_ **Fowl Plague:** gfsaf6 afSnf]t/n kbfy{cfp65 ; fy}; f; kmh{k|g
cK7of/]x65 . of]/f|u g|kndf b|vPsf]56 .

pkrf/:

sg}k|g pkrf/ ; 6tf]fk6 56 .

/f|usf]lg66q0f:

-s_ sV//f 3/ j|/k|/ ; d| ; b} cf/f|o Joj :yf ckgfpg' kb5 .

-v_ gofFsv//fx? @ xktf; Dd 6f9f g}/fVg' kb5 . af|x/L sV//f, sfu / c?
k|flx? k|g sV//f kfng lf|leq cfp65 x65 .

-u_ /fglv] /f|usf]nlfof b|vPsf sV//fnf0{vQd u/L ulx/f]vf8n agf0{
ufl8lbg' kb5 . ; fy}c6o /f|uaf6 d/\$[f sV//fnf0{k|g uf86' kb5 .

-3_ c6o lg/f|ul sV//fnf0{; fgf]; fgf]; dX !)-!% uf6f_ df lj efhg u/L
gofF:j R5 / ; kmf 7fp6f /fVg' kb5 . u/d / ; Vvf ; dodf @ xktfkl5
kmh/ ld; fP x65 . t/ lr; f] -; do_ df]ddf * xktf kl5 dfq ld; fpg].

-a_ k|os ; do ef6f, pks/0f 0Toflb ; fdfg ; 6ndof dQm u/L /fVg' kb5 .

-r_ EofS; lg nufPsf]sV//fsf]ayfgdf /fglv] b|vPdf k6M**F1 Strain**
sf]EofS; lg ug{k65 .

/fʃyfdsf pkfox?:

sV/fnf0{ ; j kyd /fglv] /fū lj ?4 vfk lbg' kb\$. ! lbg] rNfnf0{/fglv] Pkm :6\$ EofS; lg -! 6d] nf0(!) b]v !% ld=n= lr; f] / ls6f0f' dQm gdh ; nf0gdf ld; fP/ @ yfkf rNfnfs]gds j f ! yfkf cffdf / ! yfkf gfsdf xflnbg]. o; n] ^-* xktf; Ddsf rNfnf0{/fūaf6 arfpg]sfd ub\$. EofS; lg lbgf; fy slx; do rNfnf0{kfgl glbg]. *-!@ xktfs]pd]df kgM/fglv] Pd :6\$ -dQm]j/_ EofS; lg ! 6d] nf0{@) ld=n= lr; f]/ ls6f0f' dQm gdh ; nf0gdf ldnfP/)=% ld=n= klt sV/fsf]lx; fan]5fnf dlj j f df; df ; 0{lbg' kb\$. gkfndf tof/ ul/Psf]of]EofS; lgsf]! 6d]df \$)) dfqf x65 .

lhj f0f4f/f nllg]hgfls /fūx?M

; fndf]hf (Salmonella) M

Salmonella typhi f0k]nf0\$sf]sf/s t]j xf]. !*) ebf a9l food poisoning ug]; fndf]hfsf]; jf0k kf065 . t/ clwsfzn] kzdf lsnlgsn /fūsf]nlf0f by]p6\$. t/ dflg; df xg]/fūsf]sf/s t]j eg] sV/f, uf0j :t; e\$ / j u/ g]xf]. j wzfnf, c08f tyf kzh6o ; fdfullaf6 /fū ; b\$. /fd/l gksfPsf]vfgf, gttfPsf]bwaf6 klg /fū ; b\$.

/fū ; g[cj lM

dflg; - !@ b]v &@ 306f

hgj /- ! b]v % lbg

nlf0M

dflg; -5]f6l nllg] k6 bVg]/ Hj /f]cfpg].

uf0{Hj /f]cfpg] 5]f6l nllg]/ Jofpg]uf06]txfp5 .

e\$, afv], sV/fdf /fūsf]vf; }nlf0f b]lvb\$.

pkrf/M

!_ Trimethoprim – Sulfamethoxazole jf

@_ Ampicillin jf

#_ Ciprofloxacin kofū ug{; l65 .

/fʃyfdM

!_ /fd/l ; knf u/\$]df; 'ksfP/ vfg hgr]gf clej]4 ug].

@_ kzj wzfnf j jw:yndf ; knf kfgl kofū ug].

#_ bW /fd/l p dfn] ÷ Pasteurize u/] dfq pkef] u g].

\$_ h u n l k h l, d' f c f l s f] k j } z s v' f 3/ t y f k z s f] u f] d f l g o f q o f u g].

Ifo/f] (Tuberculosis)

of] /f] d f 0 { s f] o f S 6] / o d 6 d j / s h f] ; ; (Mycobacterium tuberculosis) g f d s h l j f 0 f a f 6 ; b 5 . of] /f] k z a f 6 d f l g ; d f k l g ; g { ; S b 5 . of] /f] u f 0 { a f v f, a u / d f a 9 l b] g ; l s 6 5 . d f l g ; d f / f] l h g f j / s f] b w, d f ; ' l k ; f a P j + ; + u d f k m f of] /f] ; g { ; S b 5 . t ; y { : j f : y o s f b] i 6 s f] o f a f 6 of] /f] d x t j k 0 f { 5 .

Sf/of:

l g D g h l j f 0 f h] l j l e G h f t l, k h f t l d f I f o / f] n f l b 5 .

Mycobacterium avium - r / r ' ? E l

Mycobacterium tuberculosis - d f l g ;

Mycobacterium bovis - u f 0 { e } l, e 3 f, a f v f]

n I f o f:

u f 0 { j : t' / f d f] b f g f k f g l l b 6 f k l g l b g l b g } b a n f p 6 } h f g] a h f a v t d f H j / f] c f p g] k l g x 6 5 . 6 l = a l = z / l / s f] l a l e G 7 f p 6 f k l g n f l g ; S b 5 . h : t] c f 6 b f, k m f ; f] k f 7 3 / , k m f f] c f l b .

-!_ c f 6 b] s f] 6 l = a l = l 3 f 6 l g h l s s f] u o f y l ; l g 0 { ; f ; k m f d f c k 7 0 f / f] k f b 5 ; f y } l g / 6 t / 5 g] x 6 5 .

-@_ k m f ; f s f] 6 l = a l = l o ; n] u b f { k z ' v f 3 g } x 6 5 . v f 3 l l a x f g l k v a 9 l x 6 5 . s f d u b f { a : t h] w s g] x 6 5 .

#_ k f 7 3 / s f] 6 l = a l = l * - (d l x g f s f] j o f p g] u f 0 { e } l t l x g ' ; d o d f e f n] g v f] g ' l k ; f a s] l w l d n f] x g c f l b n I f o f b] v 6 5 .

-\$_ k m f f 3 f] 6 l = a l = l k 5 f l 8 s f] k m f f 3 f] k m f s 8 f x g ' . b w d f e m f h r f 3 6 f l d l ; P / l g : s g ' . r f 8] g } b w k m f 6 y ' / k m f f 3 f] c f s f / a 9 g] n I f o f x 6 5 .

/f] l g b f g:

6 o j / s l n g 6] 6 u g] .) = l d = n = 6 d j / s l n g ÷ d 3 f 6 l g l h s s f] 5 f n f d f ; 0 { l b g] / f] l k z d f & @ 3 0 6 f l e q 5 f n f s f] k l t l q m f k m h 3 f] c f w f / d f / f] l x f] j f x f 0 6 e G g] y f x f x 6 5 . / f] l k z d f : k i 6 5 f n f k m h 3 f] x 6 5 .

pkrf/:

k} fsf] b[6sf]df pkrf/ w}} vlr(f] / w}} dlxgf; Dd ug[kg] ePsf]h]pkoQm gePsf].

-s_ cf0{ flgofhl8

-v_ :6}of[k]; lnlg

-u_ l/kmDkll; gcfib cf]flw kpf]u ug{; ls65 .

/f}yfd:

-s_ /f]u l hg]j /nf0{560fP/ /fVg].

-v_ ; /; km0{b]gs ?kdf ug].

-u_ la=; =hl= EofS; lg %)!) Pd= Pn= !% lbg]sf]afR5fdf vfk]pg].

-3_ gofKza: thf0{uf]df /fVg' clw slx ; do 5\$}/fvl /f]u eP gePsf] hfF] dfq uf]df /fVg].

a] h]f] ; (Brucellosis):

of]/f]u kzaf6 dflg; df klg ; g{; S5 . o; n]ubf{df65df Dofb] Hj /f]j f dfN6flkmj / x65 . uf0{e}Ln]% dlxgf cj lw ku]kl5 txfp5g\ Psk6s ; qndOf ePkl5 c6o ue{k/f cj lw ku] klg aRrf kfg]ub5 .

of]a] h]f Pj f; (**Brucella abortus**) gfdS hlj f0faf6 xg]/f]u xf]. of]

/f]u uf0{e}L, e}f, afv], au/ Pj =S'/df ; d] nflu5 . o; sf]; qndOf

kf7B]/df x65 . tk\$]afR5f afR5lsf]; fndf of]JofS6]/of xgfn]o; nf0{

/fd/L uf8g]/ pkrf/ sfodf vl6Psf JolQm]xftdf /fd/L k]f nufpg'

kb5 . ; f}df klg of]/f]u xg ; Sb5 . o; n]ubf{k]hgg zIQmdf xf]; cfp]g]

x65 . lj of]; d] of]hlj f0f' b]v65 . t; y{s]qd uef]vfg ug\$ f nflu

kflnPsf]; f}df of]/f]u b]vPdf o; nf0{pQm sfo6f6 cnu /fVg' kb5 .

; f}df]c08sf]f ; lGgPsf]x65 . sgdf Pp6f c08 jf b]c08sf]f ; qndOf

ePsf]x65 . sg]j :th]of]/f]u nfd]; do; Dd z/L/df k]nl c6odf ; fg]

t/ :jo+n]f0f gb]v]pg]klg x65 . of]/f]u **Zoonotic Disease** ePsf]h]

ubf{hg:jf:Yodf o; sf]dxTj kOf{:yfg 5 . kz' :jf:Yosdl{Pj +kz'

lrlsT; s of]/f]u b]v xfl]zof/L /xg' kb5.

Sf/Of:

a] h]fsf]hlj f0f' tyf c; / ug]kza:t' lgDg cg' f/ 5g\

Brucella abortus - uf0{e}L

B. melitensis - afv]

B. ovis - e\$ʃ

B. canis - s\$ʃ

B. sius - auʃ

B. neotomae - rhodents

nlfof:

- s_ uf0{e}+ln)% dlxgf klk|l5 ue{txfp5 .
- v_ ofgl leq ; lgg5 .
- u_ ; taf6 u6xfpg]kx|f]kbfy{lg:sl /xG5 .
- 3_ JofPKl5 ; fn geng|xG5 .
- a_ ; fn gen|xG5 /kf7\$ /sf] ; qndof e0{ ; w\$]nflu afE|k|g klg /xg ; Sb5 .
- r_ Ps b0{j } tx] kg ; fdf6 cj :yfdf klg kmsg ; Sb5 .
- 5_ ; fdf 3Bf ; lgg]xG5 .
- h_ c08sfif ; lgg] / klhg lfdfd qlds xl ; cfp5 .

klxrfg:

- s_ nlf0fMdvotMue{tlxG5.
- v_ cf/da= lk= 6l= (**Rose Bengal Plate test**) @) df0\$fl|n6/ P06llhg / a/fa/ dfqdf /f|l kz\$]l ; /d /fvdf ; fg] ; fg]s0f blvG5 .
- u_ 60j Pln6lg] g k/lif0f u/] .
- 3_ ; fn tx\$] afR5f, afR5L / ofglaf6 lg:s\$] kbfyaf6 JofS6l/of lgsflg ; lsG5 .
- a_ ELISA 6j6 u/] .

pkrf/:

- s_ 60k f0Snlg @) ld=uf|=s]hl tfrsf]b/n] \$÷\$ lbgf]km/sdf %^- ; 0{lbg}.
- v_ 8S ; L ; f0\$nlg !) ld= uf| ÷s]hl tfr cg' f/ # blv % lbg ; Dd vj fpg] .

/f\$yfd / lgo6q0f:

- s_ sf]nl Pj +-!* dlxgdf kf8f afR5fdf a] hf Pj f6{ :60 ! (gdsf] vfk nufpg]7hf kzhf0{klg a] hf:60 g=\$%÷@) sf]vfk nufpg]
- v_ tx\$]kf8f, afR5f, ; fn / ; f0/ /fd/l uf8] dliya6 r0 5sg] .
- u_ /f|l /fEf, ; f0hf0{v ; L kfg]j f klhg sfo6f gnufpg] / slqd uef(vfg sfo6mddf jlo{ ; sng ul/g] /fEf ; f0hf0{of] /f|l nfu] gnfu\$] ^-^ dlxgdf k/lif0f ug] / ePdf t?6t x6fpg] .

-3_ uf]df ; /-; kmf0{/fVg].

-.^a /fvl kzhf0{ayfgaf6 5\$}fvl pkrf/ ug].

-r_ /fvl af/df hgr]gf huf0{dfg; df of]/f]sf]Gog kfej kfg].

-.[^] klZrdl /fi6df of]/f]sf]k]h16e /lof56/ kzhf0{df/65 .

In:6]cfl] ; (Listeriosis) :

of]/f]nf0{Meningo-encephalitis klg elg65 . of]kmf\$kd\$?kdf byf kg]. emds /fvl xf]. e\$f, uf0{e}L, au/,afvf, v/fof] sv'/fdf of]/f] nflu5 . of]/f] *Listeria monocytogenes* af6 x65 . dfg; df klg of] /f] nflu5 . dfg; sf]cnfj f p3fpg]kz' / au'/df klg **Meningoencephalitis** x65 .

nlf0f:

!= e\$f:

-s_ Hj /f!)#-!) (l8u] km= cfp5 .

-v_ ; :t b]vg] vfg dg gug] 3f6l k5f18 kmf\$pg]/ Pstkr] emf\$pg].

9'; laf/f nflu]/f]x? (Fungal Diseases)

s\$; l18of]c]f]f0\$]] (Coccidioidomycoses)

o; n]s\$%,uf0{e}L, au/, e\$f / dfg; df c; / kfb5 .

/f] ; g]t/l\$ -; f; k]bf{9'; l lnPdf .

o; n]ubf{kx]f] klk h: tf] af\$nf] kbfy{af]° of]h, dl]8o; 6lgd, dl]h]6k kmf]/Ghlon / ; adofShln/L lnDkm u]yl / kmf\$; f]df b]v65 .

/f] lgbfgM

!= ; emd0g ePsf]lnDkm u]ylaf6 9'; l (Fungus) lgsfng].

@= whf]ldl>t xfj f ; f; km] {lgogqof u/] .

df]lgnof] ; (Moniliasis/ Candidapsis)

o; n]kz'tyf dfg; df lj z]f u/l s]f\$ldf c; / kfb5 . aRrfsf] lhj f]df ;]f] n]kn] 9f]sPsf] x65 . h; nf0{Thrush elg65 . au'/sf] kf7fkf7]Thrush x6fPdf af6tf x65 .

9'; l uf]sf] ; f] / , dv, ; fnsf] luvf{/ j l/sf] j lo6f6 ; d] 56df0Psf]5 . lg:6f6ldaf6 lgo6qof ug{; l\$65 . Candidiosis n]hl0f{lgdf]gof ub5 .

Candida sf]lj le6g Strain 5gW

● **Candida albican** ; aþ6bf xfglsf/s xf].

● **C. guillerimundil**

● **C. tropicalis**

● **C. pseudotropicalis**

nlf0f:

-s_ ; f; kmj{ufxf]xg].

-v_ d'vaf6 ; f; kmj].

-u_ d'Wbd Hj /f].

-3_ ʎofn sf8g].

-a_ kxmf]-xl/of]l; Efg cfpq].

-r_ 5g].

-5_ cf'vaf6 cfF'emg].

-h_ o; n]uektg u/fpg] w/}}jfnl vff]g]cj:yf >[hgf ug]/ ; f'vdf af'Em]kf Nofpg]ub5 .

pkrf/: ; Gtf]fkþ gePsf].

n]6f]kf0f; ; (Leptospirosis)

of]/f]u hg:j:f.Yosf]lx; fan]dxTj k0f]5 . o; n]lj le6g kzx?df c; / kfb5 . h; n]ubf[uektg xg] uf0]:tdf yg]h]klg bl]vg]ub5 . of] hlj f0f' df6f]df kf0f]5 . of]/f]u d'; f dfknt c6o kzx?df klq ; b5 . ; Vvf tyf pH kl/j t'gdf hlj f0f' db5 . n]6f]kf0f{f]; ; sf hftx? o; k\$ / 5g:

!=**Leptospira pomona** o; n]ubf{uf0}{aw/, 30f / e'fdf /f]u Nofp]5 .

@=**Li. icterohaemorrhagie** o; n]ubf{uf0}{tyf aw'/df /f]u Nofp]5 .

#=**Li. canicola** of] h'nl hg]j /, s's' / :ofndf n]ub5 . hgrflxF uf0]df klq ; b5 .

\$=**LI. hardjo** -uf0]df uektg tyf yg]h]ub5 .

%=**Li. tarassovi**

/f]ul hg]j /n]r/g, uf7, bfgf,kfgl blift kf/L c6o :j :y kzdf / f]u ; fb5 . tx\$]e0f, j lo{lk; fj af6 klq of]/f]u ; b5 . uf0}{e}-ldf #)Ü ; Dd uektg xG5 . /f]u eg]ztkl|tztdf n]ub5 . t/ d[ob/ uf0]:tdf %Ü dfq xG5 . e'fdf of]/f]u afv]af6 ; b5 . df; 'k; n]e'j]g/log tyf pTkfbg ug]s; fgdf klq blift lk; fa, kf73/sf]kntx/, b'w j f j lo{dfknt /f]u n]llg ; Sb5 . uektg cfwf ue{cj:yf kl5 xG5 .

nlf0f:

nlf0f lgDgg'; f/ xG5 .

S= t[0f (Acute) v= xNsf t[0f (Subacute) u= lh0f{(Chronic)

S= t[0f nlf0f]k0f{f]; ; :

-c_ kDv ?kdf afR5f÷afR5ldf c; / kfb5 .

-cf_ Došf] fdf yf]nf yf]nf /Om>fj xG5 .

-0_ vfgf ?rl gxb]Hj /f]!)%~!)& l8u| km# xG5 .

-0{ d6sf]w8\$g a9g] ; f; kmj{ufxf]xG5 .

-p_ Photpsensitization xg] nE8fpg]b]vg].

-pm_ t[0f / xNsf t[0f ?kdf Li. Pomona n]ubf{uf0df nlf0f b]V65 .

-P_ uf0df uek]tg xG5 .

-P] yg]hf]xG5 .

-cf] sdnlkQ xG5 .

-cf} Haemoglobinurea xG5 .

V= Subacute kšf/ Acute eGb f c; /df dfq xNsf ?kdf km/s xG5 .

u= hl0f{nlf0f]k0f{f]; ; M

-c_ uek]tg xg].

-cf_ %ofn sf8g] c//f]xg] dg]hf06l; xg] Coniunctivits b]V65 .

pkrf/:

!= uf0(e)ldf :6k0f0{ lg !@ ld=uf÷s]hl= t]h cg'; f/ lbgf]@ k6s % lbg ; Dd ; 0{.÷m lbgx]fbg].

au/df eg]@% ld=uf÷s]hl= t]h cg'; f/ .÷m lbgx]fbg].

@= b'wsf]microbial Sensitivity test u/L cfj Zos P06lj fol6s cf]fwl k0f]u ug].

/f\$yfd:

!= /f]ul kzsf]/f]u lgbfg ug].

@= gofFv/lb u/\$f]kzhf0{! dlxgf ; Dd lgu/fgl df /f]vg].

#= ; qmd0f ePsf]kzsf]bfgdf P06lj fol6s ld; fP/ v]fpg].

\$= kmr]fng - 0gofS6le7 EofS; lg ! ld= nl= S/C \$-^ dlxgf]sf] afR5f÷afR5ldf nuf0{k]o\$ j if{k]m b]xf]ofpg]ug{k}b5 .

%= dflg; df klg /f]u ; g]ePsf]ubf{e}b]g/log, au/](butcher) tyf sf]d ug]JolQm]xf]zof/L ckgfpg' kb5 .

k/hlj l4f/f ; g] hgfōls /fjx?M

uf0{ e} ls] 6kj d{(Taenia Saginata) :

of] laZj Jofkl ?kdf kf0(5 / aifōl % s/f\$ dflg; df o:sf]; sđof xG5 jf kef]j t xG5g\ larsf]ca:yfdf (Intermediate host) uf0{ e}l jf o:t}hgj/ xG5g\ slxn]sflx pñ6, nfd, P06ñf (Antelope) klg kef]j t xG5 . o:sf]nfef{ca:yfnf0(; :6L /s; (cysticercus) elgG5 . hf] df; kZl / dđdf xG5 . hgj/n] 6k j d\$] c08f df;+fxf/L hgj / (definitive host) sf]lb; faf6 ; sđof ePsf]3f; kft vfPsf]xG5 / of] cj:yf cfp5 . ha c08f kđdf sf]nl hexacanth larvae agb5 . hf] cfcb]sf]kvfñf0{5rfñ] /ut jf lndkm k0ffnldf klb5 . h; dfkm of] df; kZl jf dđdf kul l; :6L /s; df k/l0ft xG5. dflg; gksfPsf]jf sfrf]df; 'vfPdf /fjaf6 u| lt xG5 . l; :6L /s; sf]kfgl yñ]cfcb]df kfrg xbf k/hljlsf]scolex aflx/ cfp5 . of]cfcb]sf]kvfñdf /fd/l 6fl; 0{ao:s 6k ad\$] ?kdf lasf; xG5 .

o:df uf0{ e}ldf *Cysticercus bovis* gfdS bladder worm xG5 .
o:n]dflg; nf0{Intermediate host agfpbğ .

nifof M

!_ kđ bVg] @_ kfrg k0ffnldf c; / kfg].
#_ ?rl gxg] sdhf]l xg] / tñ 36g].

pkrf/M

cfñt/lS k/hlj l la?2 lgodlt cfñwl v] fpjg].

au/sf] 6kj d{(Taenia solium) M

of]lknQ]hšf ; ;f/e/l knPsf]eP klg au/ gkfñg], wld\$ tyf ; fdf]hs ca:yf ePsf 7fpdf o:sf]kef]j 5ğ . s/lj % s/f\$ dflg; aflif\$?kdf of] /fjaf6 ; sđlt ePsf]kf0(5. dflg; nf0{ao:s 6kj d{ z/l/df xg]jf definitive host / intermediate host bā} ?kdf lng ; lsG5 . au/ eg]intermediate hsot xf] o:sf] bladder worm stage nf0{*cysticercus cellulosae* elgG5 . of]au/sf]df;+kZl , tGt' tyf :gfo" k0ffnldf ; d] u0{a2 eP / xG5 .

nifofM

!_ :gfo" k0ffnldf c; / kfg]. @_ kfrg k0ffnldf c; / kfg].

/fšyfdM

!_ au/nf0{lgodlt ?kdf lknQ]hšf la?2 cfñwl v] fpjg].

@_ cf/f]o Aoa:yfkg ckgfpg].

#_ gkfs\$]f/ sfrf]au/sf]df; 'gvfg].

\$_ kz' awzfnf tyf df; ' hfr Pq, @)%% nf0{s8f0\$; fy kfnf u/fpg].

**k]lgaf/ /f] n]lg]cj :yf
j fef0g :k]h]knd{0g; k]n]f]ofyl**

(Bovine spongyform encephalopathy)

w]k]xnfb]v :qrfk /f] e\$] afv]df kQf nfu\$]lyof]. of]/f]sf] sf/of sg]hj fof' j f lj iff0f' ge0{Ps k\$]/sf]k]lg g]xf]. of]BSE klg To; }# ; Dalwt 5 . o; af6 Golsns 0l; 8 5b0fpg ; lsPsf]5g . of] /f]unf0{uf0{axhfg]/f] j f Dof8 sfp l8lh klg elg65 . o; n]ubf{uf0{ uf?sf]s]bb :gfo' k]fn]sf]lubl :k]h h:tf]e0{/f]af6 kl/j t6 x65 .

uf0\$]bfgfdf e\$]sf]df; , xf8 cflb lk;] /flv65 . olb To:tfdf :qrfk eP/ d/\$]e\$] /fvdf klg /f] ; b5 ls e6g]wf/0ff 5 . j :t'tMuf0{ uf] zfsxf/L 3fFkft vfg]kz'xg\ of]/f]sf]rrf{a]fotdf ; g\ (^ df ; j f]ws eof]. tyfk /f]af/df kyd hfgsf/L ; g\ (*^ df a]fotdf ePsf]lyof].

sf/of:

o; sf]sf/of k]lgnf0{lk6g (Prion) elg65 . of]@* lsnf] 8fln6gsf]unf0\$]k]lg xf]. of] Prion P (PrP) k]lg :tgwf/L kz\$] ; fdf0 lbdudf lhgn]sf ub5 . o; nf0{k]lg]h]gi6 kfg; Sb5 . ha o; df kl]t/f]f]ds lfdtf x65 . h; nf0{k]lg]h]gi6 ug{; Sbg To; n] Prain hDdf x6]h]f] ; qndof e0{/f] n]lb5 .

n]fof:

- s_ b'w p]kfbg 365 . -v_ l/; fxf / cfqndof x65 .
- u_ lx8b n/a/fp5 / c; Gthg e0{n85 .
- 3_ 6f]fP/ xg] / c]Todf db5 .

pkrf/ / /f\$yfd:

pkrf/ ; #]f]k] gePsf].

-s_ uf0{uf?sf]bfgfdf e\$]sf]x88Ldf; ' k]f]l] gug].

-v_ /f]l=zsf:kb kz' cfoft gug].

df; af6 dflg; df ; g] kðv /f]x?:

kzhGo kfl]gsf]dVo cz df; af6 g]klT{xG5 . :j R5 tyf ; knf
t/lSfaf6 tof/ kfl/Psf]df; 'vfPdf hg:jf:Yodf ; sf/fTds kþfj kfb5 .
af; L, blift, ; 8]un\$]f]f cGo sg}; qmdOf e0{d/\$f]kzk]flSf]df; ' ; Jg
u/d]f lj leGg /f]un]; d]pg] efj gf ; w}xG5 . xfd]h:tf]b]zdf hxf a9f]
/f]f]h]f] \$]f]/f]f] c08f kf/] ylst ePsf]sv/f / dg{nfu\$]kz'j:t'; d]f
c:j:ys/ jftfj/Ofdf df/L ; j {fwf/Ofdf a]rG5 . ; /sf/L lgsfoaf6 lgu/fgl
sd /xg; cfwlgs jwzfnf gxg; 7hf]zx/ ahf/df kfglsf]xfxfsf/ xgh]
/fd/L ; knf u/lPsf]df; 'au/]j f k; ndf lj qm]df k]pg d]Zsn 5 . o; h]
ubf{cfwlgS jwzfnf :yfkf u/L :j:f:y kz5f]df; hf0{blf e}lg/logn]
hfF kðflOfT u/\$]f]5fk nuF/ dfq ahf/df lgwfl/t dfkb08 lgwfl/t ul/
a]g' kb5 .

df; af6 nflg]kðv tlg lsl; dsf cj:yf 5g

s= /f; folgs kbfa6 blift:

cfhsf]t] f]j Zj sf /fi6df P106j fo]f]6S; cf]flw, lS6gfzs cf]flwsf]
cGwfwGw kðf] ePsf]kf0G5 . P106j fo]f]6S; sf]/l]; 8bn 0km]6 j f c; /
oQm cj :yf /xGh]h df/] df; 'a]g' ck/fw xG5. lS6gfzs cf]flw h: t]j
PN8lg, d]nfylog, ; f0ylog, l8-18-6l=cflb hðf] dfq{jf kft ?vdf lS/f
dfgkðf] ul/G5 . hg kft, em/ cflbdf c; / ug]cfj Zos dfqdf eGbf
w]}a9l ?kdf kz' cflbn]vfg u0{z/L/df lj ifQm kbfa{/xG5 . hg kz5f]
df; ' ; Jg ubf{dflg; df hfG5 . z/L/sf]t]h a9fpg xdf] kðf] ul/G5 .
of]xdf]sf]dfqf cfj Zos eGbf a9l ePdf dflg; sf]:jf:Yodf gsf/fTds
c; / kfb5 . k/hlj lGoGqOfsf]nful cNj]8fhf]h kðf] ul/G5 .

v= /f]l kzaf6 blift:

u= jftfj/Ofaf6 blift:

kzk]laf6 df; dfkn] dflg; df ; g]/f]u:

s=l] iffOfaf6 xg]/f]u:

v= hlj fOfaf6 xg]/f]u: Salmonella

u= k/hljlaf6 xg]/f]u:

!= 9' laf6:

•= hSfaf6:

Anisakis simplex	Trichinnella spiralis
Taenia solium	aenia saginata
Multiceps multiceps	

df; hf6 nllg] /f]sf] lgo6q0f

!= Sj f/06f0gM sg)klg kz' j :t' cfoft ubf{s8f lgu/fgl /fVgkb5 .

@= kzkHfLsf]:j f:Yo k/LIf0f Mdf; S]nflu sf6g' k] {kzSf]:j f:Yo hfF u/L lg/f]L ePdf dfq sf6g' kb5 .

#= Meat Inspection -df; S]k/LIf0f_Msf6k]5 df; 'k/LIf0f u/L vfg of]o efudf 5fk nuf0{ahf/df k7fpg' kb5 .

\$= k/Lj xgdf kof]u ul/g]kzhf0{vfgdf kof]u gul/g].

%= cfwlgs j wzfnf - cTofwlgs kz' j wzfnf lgdf0f ug]sfo\$]sf7df8f]- dxfgu/kflnsfaf6 xfn}kz;+glo kxn ePsf]5 .

^= 9]fgldf j ftfgSlnt afxg (Air condition van) kof]u ug] l/S; f cflbdf vhf 9]fgl /f\$]l :j R5 ?kdf a]g nufpg].

&= Deep Freeze df /fvl df; 'a]g]sfohf0{qmlds ?kdf kfyldstf zx/L If]df lbg]

*= bz]h]f,xf6 ahf/sf]a]h]df lj z]f kz' j :tS]cfkl't{Joj :yf ldnfpg].

(= lj sl; t /fi6df k7fpg lgw]f/t zt{k7ofpg] vf]t cflb /f]u lgdf xg' kg].

df; 'dfknf 9' ldf/f ; g]/f]ux? (Meat borne fungal disease)

df; 'k]lgsf]e/kbf] ; f] x]. kzh6o k]l6g dflg; sf]vfgfsf] dxTj kOf{klf x]. of]kfl]; n]kgn]ubf{JofS6]/of, ef0/; tyf knE; -9' L cflb df; df ; lhn} + xls(5g\ . t; y{ :j R5 lj lw gckgfp] x] eg] df; hf6 ; lhn}; + lj le6g /f]ux? ; b5g\ 9' ldf/f ; g]/f]ux?af]/fd/L Wofg lbPsf]kf06g . h; n]ubf{hg:j f:Yodf k]olf c; / kg{hf65 .

9' L Ps k\$]/sf]k/hljL (Saprophytes) x]. hf]df; 'j f sg} vfgf To; }/fvdf !-@ lbgdf k]6 cfffn]b]V65 . o; df Mycelium tyf Spore x65 . ; fdf6otof :j f; , kZjf; j f vfgf vff of]dflg; df ; b5 . o; sf]pkrf/ ; /n / ; xh 5g . t; y{; dod}xfl]zof/L ckgfpg' kb5 . cfl]; nf]:yfg ; fk]fs cfb]f a9L xg] udl{; dodf 9' L a9L x65 . lsgls o:t]:yfgdf 9' lnf0{cgSlnt j ftfj /of ldnb5 . w]}kz' j :t; au', e\$]f, afvf]; +uf]df l56f]; g]tyf /f]sf]; qndof x65 .

9; láf/f dflg; df ; gI /fux?;

!= dflgnofl; ; (Moniliasis) j f Sofl68l8ofl; ; (Candidiasis): of]/fú au'/sf k7fk7ldf bljv65 . ; fy)sd f s6ldf of]/fú bljv65 . lhaflf ; j] lenlnln]9fs3f]x65 . hg rflx+Oesophagus tyf k6; Dd klb5 . h; nf0{Thrush klg elg65 . of] skf]f0faf6 ul; t aRrf aRrldf nflb5 .

@= bfb (Dermatomycosis/Ringworm): kzsf]5fnf lrnfpq] /f)eng{ x65 . Trichophyton spp. au', uf0{e}L, e3f, afvlfdf ; emdof ub5 . 3f6l, 6fpsf] cf7fsf]l8n lrnfpq] /f)eng{x65 . o; sf]pkrf/ uxf] x65 . of]/fú dflg; df ; g]k6v /fú xf] .

#= c^nf6lS; sfl; ; (Aflatoxicosis): of]/fú Aspergillus flavus e6g] 9; laf6 ptkfbg ePsf]lj if vfgfn]sv'/f,xfFdf nflb5 . udl{tyf cfbf ePdf of]9; l km65 . snhf] tyf z/L/df xl/of]8Nnf 8Nnf bljv65 . o; sf]sf/of Sofl; / ; d; xg]; Defj gf dflg; df ; d; x65 .

\$=Coccidiomycosis: of]/fúdf lndkm u]yl ; l6gPsf]x65 . e}L,e3f, afvlf, 3f3f cflbdf o; n]c; / ub5 . of]/fú dflg; df klg ; b5 .

%= Blastomycosis: o; /fúdf 3f3fdf k5fl8sf]lt3fdf 3fp bljv65 . 5fnf tyf km; fdf dfl5hf0{c; / kfb5 . au' blnfpq]tyf dg65 .

^_ Aspergillosis: o; df au'/sf] dfn] txfp5 . k7fk7lsf] km; ; fdf luvf{x65 . sv'/fdf o; nf0{Brooder pneumonia elg65 . Brooder pneumonia ePdf sv'/f nf6f]x65 . kv6f nlqPsf]x65 . u6xfpg] 5b5 . of]/fú xfj fáf/f Mycelium af6 ; b5 .

&=Histoplasmosis: o; df /fufsf] km; ; fdf v/fal bljv65 . o; n] lfo /fún]h:t}c; / kfb5 .

; G6E ; fdfuM

!_ /]lh - kz':j f:Yo klj lw - 8f= azl zdf{- k\$zlsflm xdf zdf{v!/%!(gof+afgZj / .

@_ au' kfgn t/lst- 8f= azl zdf{- k\$zlsflm xdf zdf{v!/%!(, gof+ afgZj / .

#_ Awareness in Rabies (2001) - 8f= hu6gfy /f0{ .

k\$fsz M
gkfn ; /sf/
s[if tyf ; xsf/L dGqfno
s[if ; r'gf tyf ; ~rf/ s[b|

k\$fszg qnd M&
kl:tsf qndM- \$
k[7 ; Vof M- @\$
k\$fszg k[7 M^)))

db\$M
s[if ; r'gf tyf ; ~rf/ s[b|
xl/x/ ejg, kNrf\$.
knfj g=M%--%@% ^!&, %-%@@@\$*
knrfS; g=(&&-!-%@%*
E-mail : agroinfo@wlink.com.np
website : www.aicc.gov.np