



Question bank

Short notes

1. Lesions in Swine fever
2. Pathogenesis of Brucellosis
3. Differentiate
 - (i) FMD in cattle and sheep
 - (ii) Actinobacillosis and Actinomycosis
 - (iii) Inclusion bodies in Rabies & Canine distemper
 - (iv) Babesiosis and theileriosis
4. Give reasons for the following
 - (a) Mortality is higher in young cattle affected with FMD
 - (b) Diphasic fever in canine distemper
 - (c) Death in rabies is due to asphyxia
 - (d) Formation of sulphur granules in Actinobacillosis
5. Lesions in strangles
6. Pathogenesis of haemorrhagic septicaemia
7. Wooden tongue
8. Give reasons for the following
 - (a) Apoplectic form of death in anthrax
 - (b) Blackish discolouration of muscle in black quarter
 - (c) Death in rabies is due to asphyxia
 - (d) Pica in botulism
9. Lesions of black quarter
10. Lesions of aflatoxicosis
11. Differentiate between
 - (i) Strangles and glanders

(ii) Dikkop and dunkop

(iii) Actinobacillosis and actinomycosis

12. Pathogenesis of foot and mouth disease

13. Diagnosis of rabies

14. Gross and histopathological lesions of blue tongue

15. Clinical signs, gross and histopathological lesions of leptospirosis

16. Vesicular stomatitis

17. Differentiate the following

(i) Rabies and canine distemper

(ii) Actinobacillosis and actinomycosis

(iii) Tuberculosis and paratuberculosis

(iv) Blue tongue and PPR

18. Maedi

19. Aspergillosis

20. Paratuberculosis

21. Nasal schistosomiasis

22. Lesions of Rinderpest

23. Actinomycosis

24. Swayback

25. Wooden tongue

26. Epizootic lymphangitis

27. Gross lesions of black quarter

28. Differentiate anthrax bacilli from post-mortem invaders

29. Aflatoxicosis

30. Tuberculous granuloma

31. Lesions in babesiosis affected cattle

32. Lesions in mercury poisoning
33. Lesions in Johne's disease
34. Over eating disease
35. Lumpy Jaw
36. Blue tongue
37. Histological features of a tubercle nodule
38. Pathogenesis of foot and mouth disease
39. Lesions in theileriosis
40. White muscle disease/stiff lamb disease
41. Osteomalacia
42. Pathogenesis and pathology of babesiosis in animals
43. Differentiate the following
 - (a) TB and JD
 - (b) Gross and histopathology of aspergillosis
 - (c) Pathology of botulism in animals
 - (d) Pathology of anaplasmosis in cattle
44. Biopsy and its applications
45. Brief about the canine parvoviral enteritis
46. Pathology of swine fever
47. Pathology of haemorrhagic septicemia
48. Pathology of coccidiosis
49. Differentiate between actinomycosis and actinobacillosis
50. Pathology of lock jaw in animals
51. Nutritional rump
52. Thiamine deficiency
53. Perosis

54. Rickety- rosary
55. Curled toe paralysis
56. Pathology of favus
57. Fatty liver Haemorrhagic syndrome
58. Short notes on pathogenesis of FMD?
59. List out the lesions and their secondary effects in FMD?
60. Differentiate FMD, vesicular stomatitis and vesicular exanthema?
61. Pathogenesis of Rinderpest?
62. Explain the gross and microscopic lesions in RP?
63. Pathogenesis of malignant catarrhal fever with its diagnosis?
64. List out the clinical symptoms of Blue tongue in sheep?
65. Write short notes on Infectious Bovine Rhinotracheitis?
66. Differentiate RP and Mucosal disease in detail?
67. List out the differential diagnosis of caprine encephalitis-arthritis complex?
68. Briefly explain the pathogenesis of PPR and its differential diagnosis
69. Explain the three forms of Equine infectious anemia?
70. Write short notes about the transmission, diagnosis of equine influenza?
71. Describe the gross and microscopic features of equine viral arteritis?
72. List out the infections caused by herpes virus and explain equine viral rhinopneumonitis in detail?
73. Write about the Dunkop and Dikkop forms seen in AHS?
74. Explain the vascular lesions seen in swine fever?
75. List out the synonyms of pseudorabies and the reasons for the various names, by which it is called?
76. List out the lesion in swine influenza?
77. Explain about the pathogenesis of rabies and explain about their 2 forms?

78. List out the lesions seen in the various systems in Canine Distemper?
79. Write short notes on the disease which is characterized by gall bladder wall thickening and blue eye?
80. Write in detail about the parvoviral infection, manifested with haemorrhagic enteritis?
81. List out the diseases caused by prions and explain any one of them in detail?
82. List out the difference between Maedi and Jaagsiekte?
83. Write about the various form of Pox?
84. Explain the lesions seen in nervous system in Bovine spongiform encephalopathy?
85. Write short notes about the granulomatous inflammation seen in Tuberculosis?
86. Write short notes about the lesions and the diagnostic methods for JD?
87. Name the disease, in which black berry jam colour spleen is a pathognomic lesion and explain about the pathogenesis in detail?
88. Write short notes about botulism?
89. Write about the pathogenesis of tetanus?
90. Write short notes about Bacillary hemoglobinuria?
91. Explain the diagnosis of enterotoxaemia in sheep?
92. Write about glanders in horses?
93. Write short notes about the circling diseases?
94. Write the pathogenesis of the skin lesions seen in swine erysipelas?
95. Lesions seen in corynebacterium infection?
96. Short notes on glasser's disease?
97. Differential diagnosis of salmonellosis?

98. Short notes on Mushy chick diseases?
99. Short notes on lesions in Babesiosis?
100. Short notes on lesions in Mercury poisoning?
101. Short notes on Tetanus?
102. Short notes on lock jaw?
103. Short notes on Rhinosporidiosis?
104. Short notes on Babesiosis in dogs?
105. Short notes on Rubarth's disease?
106. Short notes on Black quarter?
107. Differentiate Inclusion bodies in rabies, CD and ICH?
108. Give reason for the following.
 - a) mortality is high in young cattle with FMD
 - b) Death in rabies is due to Asphyxia?
109. Write short notes on Aspergillosis?
110. Write short notes on Degenalla disease?
111. Write short notes on Dermatomyces?
112. Write short notes on Blastomycosis- pathogenesis?
113. Write short notes on Thrush lesions?
114. Write short notes on causes and lesions in coccidiomycosis?
115. Write short notes on histomoniasis?
116. Write different names of anthrax in animals and humans?
117. Write short notes on equine infectious anemia?
118. Write in detail grass tetany?
119. Write short on puerperal tetany?
120. Write short note on sway back condition?
121. Write in detail about big head disease?

122. Write a note on piglet anemia?
123. Write a note on baby pig disease?
124. List out the deficiency disease of vitamin A?
125. Write about different types of calcification?
126. Write in detail about Evasion of immune response by Trypanosomes?
127. Write in detail about Haemonchosis lesion?

ESSAY

1. The five months old pup carcass was brought for postmortem examination with the clinical signs of vomition, diarrhoea, dyspnoea, excessive chewing movements, epileptic seizures, diphasic fever and pustules in the ventral abdomen.

a) What is your diagnosis?

b) Write in detail about the pathogenesis and lesions of the same.

2. Out of 100 sheep in a farm, 30 sheep died during rainy season with the clinical signs of diarrhoea, staggering gait, bloat, clonic convulsions and orthotonus. Glycosuria was observed in urinalysis. Postmortem examination revealed congestion of abomasum and intestine, petechiae on epicardium and endocardium and soft kidneys.

a) What is the possible cause of death?

b) Write about the pathogenesis, lesions of the condition and materials to be collected for the above described disease condition.

3. An adult Jersey cow died suddenly with the clinical signs of pyrexia, brisket oedema, bloat, diarrhoea and dark tarry coloured blood oozed out from the natural orifices.

a) What is your diagnosis?

- b) Write about the aetiopathology of the condition diagnosed.
4. Enumerate all the rickettsial and protozoal diseases of cattle and canines and write in detail about the pathogenesis, pathological and clinical pathological changes in Trypanosomosis in cattle
 5. A well built Jersey cross breed cattle died with a history of anorexia, high fever and lameness. The post mortem examination revealed dark reddish brown discolouration of thigh and shoulder muscles.
 - a) What is the presumptive diagnosis?
 - b) Write in detail about the pathogenesis and lesions of the same.
 - c) How will you diagnose the condition
 6. Enumerate the viral diseases of canines and discuss in detail about the pathogenesis, gross pathology and microscopic lesions of canine distemper.
 7. Describe the pathogenesis and pathology of parvovirus gastroenteritis in dogs. Give your differential diagnosis of the same
 8. Discuss the pathogenesis of FMD in cattle and briefly describe on its economical impact.
 9. Define abortion. Enlist the different infectious diseases causing abortions in cattle and write the pathogenesis and pathology of any one.
 10. Discuss causes, pathogenesis and pathology of tuberculosis in cattle
 11. Define abortion. Discuss about different causes and lesions in abortion
 12. Write an essay on nasal schistosomiasis
 13. Explain in detail the pathology of infectious canine hepatitis in dogs
 14. Explain in detail the pathology of canine rabies
 15. Describe in detail the pathology and diagnosis of dermatomycosis in animals
 16. Write an essay on pathology and pathogenesis of paratuberculosis

17. List out the pathological features of the following diseases
 - a) Anthrax
 - b) Foot and mouth disease
 - c) Rinderpest
 - d) Black quarter
18. Discuss the causes and pathology of vitamin A deficiency
19. Write in detail about pathogenesis and lesions in foot and mouth disease
20. Write an essay on anthrax
21. Write an essay on nasal schistosomiasis
22. Define and discuss the pathogenesis and sequelae of rickets
23. Discuss the pathological manifestations of hypovitaminosis A in animals and birds
24. Discuss the pathogenesis and lesions of hog cholera
25. List out the important viral diseases of dogs and discuss in detail about canine distemper
26. Define and discuss about rickets and osteomalacia
27. Write in detail about the pathogenesis, clinical signs and pathology of foot and mouth disease and vesicular stomatitis
28. What are all the common bacterial diseases of cattle and write in detail about the Pathogenesis, and pathology of black quarter in cattle
29. What are the common viral diseases of canines and describe the pathology of rabies in dogs
30. List out the common viral diseases of sheep and discuss about the Blue tongue in sheep
31. What are all the common viral diseases of equines and discuss about the African horse sickness and equine encephalomyelitis

32. Essay on pathogenesis and lesions of Infectious Bursal Disease?
33. Essay on pathogenesis and lesions leptospirosis
34. Write in detail about bovine brucellosis?
35. Essay on pathogenesis and lesions of anthrax?
36. Essay on pathogenesis and lesions of Nasal schistosomiasis?
37. Essay on Rabies in animals?
38. Write in detail about Mycotoxicosis?
39. Write in detail about Aflatoxicosis / groundnut poisoning?
40. Write in detail about Acute aflatoxicosis?
41. Write in detail about Chronic aflatoxicosis?
42. Write in detail about estrogenic mycotoxicosis?
43. Write in detail about salmon diseases of dogs?
44. Write in detail about Q-fever?
45. Write in detail about canine ehrlichiosis?
46. Write in detail about Chlamydial abortion in cattle?
47. Write in detail about Enzootic abortion of ewes?
48. Write in detail about Lesions of CBPP?
49. Essay on malignant catarrhal fever?
50. Write in detail about Ring worm?
51. Write in detail about Favus?
52. List out the clostridial infection and explain about any one neurotoxic clostridia?
53. Write in detail about Lesions of CCPP?
54. Write in detail about Visceral leishmaniasis?
55. Write in detail about Cutaneous leishmaniasis?
56. Write in detail about Evasion of immune response by Trypanosomes?

57. Write in detail about Surra?
58. Write in detail about Nagana?
59. Write in detail about Chagas disease?
60. Write in detail about Dourine?
61. Write in detail about Bovine trichomoniasis?
62. Write in detail about Coccidiosis – pathogenesis?
63. Write in detail about Toxoplasmosis – pathogenesis?
64. Write in detail about Babesiosis ?
65. Write in detail about Fasciolosis ?
66. Write in detail about Amphistomiasis?
67. Write in detail about Ascariasis ?
68. Write in detail about Hemonchosis lesion?
69. Write in detail about Spirocercoisis in dogs?
70. Write in detail about Cysticercosis?
71. Write in detail about acidosis in animals?
72. Explain about milk fever in animals?
73. Explain in detail about ketosis?
74. Write in detail about post parturient hemoglobinuria?
75. Write in detail about downer cow syndrome?
76. Explain in detail about fluorosis?
77. List out the various prion diseases in animals.