

2011 ICAR PG Entrance Exam Questions – VETERINARY SCIENCE

ANATOMY

1. Purkinjee cells are seen in-
2. Mammary gland is a type of ( gland)-
3. Spur core of the fowl is originated from the fusion of- (bone)
4. The unpaired muscle in the body is-
5. The largest foramen in the body is-
6. The single ear ossicle in fowl is-
7. Rathke's pouch determines the development of-
8. Duodenal diverticulum is seen in-(spps)
9. The only cranial nerve that emerges from the dorsal surface of the brain is-
10. The narrow septum dividing lateral ventricles of the brain-
11. Pancreas is a type of- exo/ endocrine / both (choose)
12. Hassal's corpuscles are seen in-
13. Malpighian corpuscles are in- (organ)
14. Vater Pacinian is seen in- injury/high temp/low temp/cold (choose)

PHYSIOLOGY

15. Pace-maker of the heart
16. Chief mineralocorticoid seen in mammals is-
17. Hormone that arises from anterior pituitary with similar action of prolactin is-
18. Aldosterone is secreted from-
19. Hemophilia A is due to the lack of clotting factor-
20. Life span of feline RBC-
21. The instrument used to detect dysfunction of muscle in body-
22. Pepsinogen is secreted from- (cells)
23. Cells associated with clot formation-

24. Spps with normal mature nucleated RBC-
25. Respiration rate in normal healthy horse per minute is-
26. Cholesterol is synthesized from- (compound)
27. ESR of which spp is found highest-

#### PARASITOLOGY

28. Infectious stage of Moneizia is-
29. Parasite associated through the milk is-
30. Pinworms in equines is-
31. Protozoan disease transmitted via the ova of worm- (nematode)
32. Parasite associated with Vit B12 deficiency -
33. The smallest and most pathogenic tapeworm of poultry-
34. Furcocercus cercaria is associated with-
35. Black disease in sheep is associated with the parasite-
36. Synonym of Paramphistomosis is-
37. The biology and epidemiology of kala azar is associated with the flies-( common name)
38. The tryps transmitted by way of coitus is-
39. Mite causing depluming itch in poultry is-
40. Punched out ulcer in abomassum is due to -

#### PATHOLOGY

41. Thrush breast heart is mainly associated with -
42. Bacon spleen is seen in- (type of degeneration)
43. Pearl stain is used in staining-
44. Uremia is seen in conjunction with- vomitting/ abdominal pain / ascites ( choose the right one)
45. Counterpart of neutrophils in aves is-

46. Stage of pneumoniae in which clear fibrin thread seen is-
47. In Van den Bergh's test, biphasic reaction is seen in- (type of jaundice)
48. In dermoid cyst-(characteristic feature)
49. In obstructive jaundice blood level of - is seen elevated.
50. Atelectiasis is the collapse of-
51. Smudge cells are broken-(type of WBC)
52. Plasma cells are formed from-
53. Pseudomelanosis coli is –
54. In FMD the lesion accompanies is- vesicular/diphtheretic/necrotic/ulcerative stomatitis (choose)
55. Negri bodies are seen in rabies infected cattle in-(site)
56. Bronze discoloration of liver in poultry is the pathognomonic feature of-

#### EPIDEMIOLOGY

57. The smallest area which provides all possible conditions of life-
58. Constant presence of disease in an area-

#### MICROBIOLOGY

59. Immunoglobulin associated with parastic immunity-
60. Hybridoma is the fusion of:
61. Cause of Black disease in sheep ( subtype of bacteria)-
62. Stormont test is used to diafnose-
63. ABR test is used for-
64. CAMP test is used to diagnose-
65. LPS is found in-bacteria as antigenic
66. Viral disease possessing both i/n and i/c inclusion body-
67. The viral disease associated with i/n inclusion body in trachea of poultry is-
68. Watery whites are seen in-

69. Family cervidae is vaccinated using-
70. The antibiotic used for black leg is-
71. Hemolytic uremic syndrome is caused due to-- strain of E coli
72. In 2005-06 the strain of influenza virus that caused the avian influenza is-
73. Neoplastic diseases of poultry
74. Spread of Mareks is via-
75. Contagious ecthyma spreads by way of-
76. Autoclaving is done at-
77. Brooder pneumonia is caused due to-
78. The positive agglutination titre of bovine brucellosis in IU/ml-
79. Experimental animal of choice in Glanders is-
80. Antigenic determinant site is termed as-

#### PHARMACOLOGY

81. Site of action of penicillin-
82. Viomycin is originated from-
83. Clavulanic acid is apotent inhibitor of-
84. Gunmetal kidney is seen in - toxicosis
85. Crooked calf syndrome is due to consumption of-
86. As per Codex Alimentarius the max permissible level of Aflatoxin M1 in milk is-
87. The drug of choice for straining animals in case of defaecation is-
88. The fungal origin autonomic drug is-
89. Neurotoxin present in Cobratoxin has the principle-
90. Novobiocin and TC are used for the treatment of-
91. Drug used as anthelmintic orally and parentally-

#### PUBLIC HEALTH

92. Anthrax vaccinated animal is to be withheld for a period of-days before slaughter
93. A country when declared to be free from rabies if there is no incidence of rabies for the last - years
94. 'Green rots in eggs' is caused by-

#### CLINICAL MEDICINE

95. The anion given at the time of pregnancy to prevent milk fever is-
96. Downer cow is seen as a complication to-
97. Eclampsia is a nervous disorder and is known as- (motor irritation/ convulsion-choose)
98. Metabolic acidosis is due to-
99. Colloid used to prevent dehydration-
100. Vitamin E deficiency is manifested as-
101. Vagal indigestion is due to the adhesion of- (rumen/ reticulum/ omasum/ abomasum- choose)
102. The daily Vitamin A requirement in cattle in IU/kg-
103. The mineral deficiency associated with parakeratosis in swine is-
104. Lactation tetany in mares is mainly due to-
105. The mineral associated with Vit B12 synthesis is-

#### SURGERY

106. The local anaesthetic used in case of dental surgery is-
107. Propofol anaesthesia recovery in dogs is rapid and smooth
108. The site for epidural anaesthesia-
109. Dilated pupil and fish eye is the feature of IV stage of anaesthesia
110. Comminuted fracture can be classified on the basis of-
111. The quality of radiograph depends on-
112. Tension band wiring is used in – (type of fracture)

## GYNAECOLOGY

113. Number of motile spermatozoa in cattle for AI is-
114. Substance used as cryogen in equine semen is-
115. Reduced concentration of Spermatozoa is called-
116. For the expression of estrus in cattle, oestrogen is secreted from-
117. The AI in pigs is done at (site)-
118. The site of AI in cattle is-
119. Endometrial cups in equines are from- (fetal/maternal- choose)
120. RFM in cattle is said to occur if retained for-(time in hrs.)
121. Superovulation in cattle is induced by- (hormone)
122. Physiological  $t_{1/2}$  of progesterone is-
123. The four limbs of the cow if presented in the birth canal is indicative of – (twinning; dog sitting posture; monster; all- choose)
124. The drug of choice for primary uterine inertia is-
125. Drug used in sows for the induction of parturition-
126. The source of Prostaglandins in semen is-
127. The entry of Spermatozoa to ova is by way of enzyme-
128. Endocrine cells of the testis is-
129. Thawing temperature of frozen semen-
130. The gestation length of cow is-