

## Mock Test - 1 – Animal Husbandry and Veterinary Science

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### Answer Key

**1. Hormone responsible for milk ejection is**

Answer: **Oxytocin**

**2. Humidity is measured using**

Answer: **Hygrometer**

**3. The major blood group antigens are located in**

Answer: **RBC**

**4. Excessive destruction of erythrocytes is characteristic of**

Answer: **Hemolytic anemia**

**5. The Erythrocyte sedimentation rate (ESR) is very fast in**

Answer: **Horse**

**6. Enzyme which is not involved in digesting proteins?**

Answer: **Amylase**

**7. One gram of hemoglobin can carry how many ml of oxygen**

Answer: **1.34 ml**

**8. Spirometer is used to measure**

Answer: **Respiratory volume**

**9. Which of the following sphincters is under voluntary control?**

Answer: **External anal**

**10. Ovarian bursa is present in the ovary of**

Answer: **Sow**

**11. Testicles are intraabdominal in position in**

Answer: **Elephant**

**12. Horny skin covering the dorsal border of the nostrils in Fowl is called as**

Answer: **Operculum**

**13. Alkaline mucous glands are found in the submucosa of the**

Answer: **Duodenum**

**14. The true stomach is**

Answer: **Abomasum**

**15. Impression of heart is seen in the liver of**

Answer: **Fowl**

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**16. The tusks of wild pigs are**

Answer: **Canines**

**17. Aorta arises from the**

Answer: **Left ventricle**

**18. Sulcus vasculosus is for the passage of which artery**

Answer: **Middle coccygeal artery**

**19. Hardest substance in the animal body**

Answer: **Enamel**

**20. Sigmoid flexure is the characteristic feature in the penis of A) Bull (B) Boar**

Answer: **Both (A) and (B)**

**21. Exchange of non homologous chromosome material is known as**

Answer: **Translocation**

**22. Extensive form of outbreeding is**

Answer: **species hybridization**

**23. National Dairy Research Institute is located at**

Answer: **Karnal**

**24. The point mutation that changes a codon for an amino acid into a terminator codon is called as**

Answer: **Nonsense mutation**

**25. Mule is a cross between**

Answer: **Male donkey and female horse**

**26. The breed evolved out of crossbreeding between Tharparkar Vs Holstein Friesian is**

Answer: **Karan Fries**

**27. Chromosome numbers in swamp buffalo (Bubalus bubalis) is**

Answer: **48**

**28. Umbalacheri breed is considered to be developed by crossing \_\_\_\_\_ with local animals of Tanjavur**

Answer: **Kangayam**

**29. Chromosome number in Turner syndrome**

Answer: **45, XO**

**30. Crossing of inbred lines derived from different breeds is known as**

Answer: **incrossbreeding**

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**31. Flehman's reaction is not observed in**

Answer: **Boar**

**32. In Kerala Sunandini cattle breed was evolved by crossing**

Answer: **Brown Swiss with Non descript cattle**

**33. In which type of mating in poultry, the males are kept separately in a pen and females are brought for mating one after another**

Answer: **Stud mating**

**34. State Cattle Breeding farm for Sindhi breed is located at**

Answer: **Hosur (Tamilnadu)**

**35. The diploid chromosome number in chicken is**

Answer: **78**

**36. In India, Artificial Insemination was started first at**

Answer: **Mysore**

**37. Frozen semen production bull stations in Tamilnadu government farms are located at**

Answer: **Eachenkottai, Hosur and Udthagamandalam**

**38. Wilmut *et al.*, achieved the production of first cloned lamb from the adult somatic cells in the year**

Answer: **1996**

**39. The quality of semen is good if methylene blue is reduced by**

Answer: **3 -6 minutes**

**40. The term "Gene" was coined by**

Answer: **Johannsen, 1909**

**41. Probable reason for nervous signs in bovine ketosis is accumulation of**

Answer: **isopropyl alcohol**

**42. Which one of the following is indigestible in ruminants?**

Answer: **lignin**

**43. Maximum permissible level of aflatoxin in cattle feed as per BIS 2016**

Answer: **20 ppb**

**44. The ammonical nitrogen content of very good silage is**

Answer: **less than 10%**

**45. Precursor of prostaglandin is**

Answer: **arachidonic acid**

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**46. Complete development of rumen occurs at the age of**

Answer: **6 months**

**47. Dried soft stems and leaves of cereal crops left over after separation of grain**

Answer: **Straw**

**48. Which volatile fatty acid is responsible for milk fat synthesis**

Answer: **acetate**

**49. Bile is useful in digestion of**

Answer: **fat**

**50. Which one of following has the highest amount of cholesterol (per 100gm sample)**

Answer: **fresh yolk**

**51. Posterior paralysis in pigs is due to the deficiency of**

Answer: **calcium**

**52. The minimum crude protein content in commercial dog foods should be**

Answer: **20%**

**53. Which of the following Vitamin is called as "Animal Protein Factor"**

Answer: **vitamin B12**

**54. Fat absorption takes place with the help of**

**bile salts**

**phospholipids**

**cholesterol** Answer: **all the above**

**55. Pellagra is produced by the deficiency of**

Answer: **niacin**

**56. Synchronous diaphragmatic flutter (Thumps) in horses is caused by**

Answer: **hypocalcaemia**

**57. Which of the following is having highest biological value?**

Answer: **egg**

**58. Enzootic ataxia occurs due to the deficiency of**

Answer: **Copper**

**59. Mucosal Block theory related with**

Answer: **Iron absorption**

**60. Crazy chick disease caused by the deficiency of**

Answer: **Vitamin E**

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**61. Female pig which has conceived for the first time is called as**

Answer: **Closed Gilt**

**62. Act of mating in case of pig**

Answer: **Coupling**

**63. The smallest piglet born in a litter is called as**

Answer: **Runt**

**64. Horn pattern of Jaffrabdi buffalo**

Answer: **Drooping**

**65. Shortest sheep breed in India**

Answer: **Mandya**

**66. The act of giving birth in rabbit**

Answer: **Kindling**

**67. Permanent hardness of water is due to**

Answer: **Chlorides and sulphates of calcium and magnesium**

**68. Indubrasil is a cross between**

Answer: **Gir and Kankrej**

**69. In Philippines Buffalo is known as**

Answer: **Carabao**

**70. Piglets should be given iron injection by \_\_\_\_\_ after birth**

Answer: **3 days**

**71. *Leucaena leucocephala* is a**

Answer: **Tree fodder**

**72. The Central Sheep and Wool Research Institute (CSWRI) is located at**

Answer: **Avikanagar**

**73. The rabbit breed used for fur production is**

Answer: **Angora**

**74. Gestation period of rabbits is \_\_\_\_\_ weeks**

Answer: **4**

**75. Among following which one is the safest source of drinking water**

Answer: **Deep well**

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**76. Which one of the following term is not related to horse?**

Answer: **Gilt**

**77. This breed produce the “Premium market milk” due to golden color of milk**

Answer: **Guernsey**

**78. The chemicals used for fumigation are**

Answer: **Potassium permanganate and formaline**

**79. This practice is not comes under proper milking method and should be avoided**

Answer: **Knuckling**

**80. Central Institute for research on goat is located at**

Answer: **Makhdoom**

**81. Freshly drawn milk is**

Answer: **Acidic**

**82. The right method of milking is**

Answer: **Full hand milking**

**83. Curdling without pronounced acid production associated with milk and milk products**

Answer: **Sweet curdling**

**84. The presence of cows milk in buffalo milk is tested by**

**Capillary electrophoresis analysis**

**isoelectric focusing of  $\gamma$ -caseins after plasminolysis**

**Rapid immunochromatographic test**

Answer: **All the above**

**85. Following is used for the manufacture of ice cream, ghee and butter**

Answer: **Cream**

**86. Eating of horse flesh is called as \_\_\_\_\_**

Answer: **Hippophagia**

**87. The father of white revolution in India**

Answer: **Verghese Kurien**

**88. Starch adulteration in milk can be detected by**

Answer: **Iodine test**

**89. Standardized milk should have FAT and SNF percentage as per FSSAI**

Answer: **4.5 and 8.5%**

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**90. The presence of buffalo milk in cow milk is tested by**

Answer: **Hansa test**

**91. Rasagolla is prepared from**

Answer: **Channa**

**92. Bacteria convert lactose into lactic acid in milk**

Answer: ***Lactococcus Lactis Subsp. Cremoris***

**93. The stabilizer used in ice cream preparation is**

Answer: **Gelatin**

**94. Monosodium glutamate is used to enhance**

Answer: **Flavour**

**95. Which one yields highest dressing percentage**

Answer: **Pig**

**96. Following is not included in the poultry giblets**

Answer: **lung**

**97. Animal with \_\_\_\_\_ should be slaughtered under emergency slaughter**

Answer: **Lumbar fracture**

**98. The recommended light intensity at work rooms in an abattoir is**

Answer: **20 foot candles**

**99. The fat content is highest in milk of**

Answer: **Buffaloes**

**100. Self-carbonated milk beverage is called as**

Answer: **Kefir**

**101. The term vaccine was coined by**

Answer: **E. Jenner**

**102. Pseudo Rabies is caused by**

Answer: **Herpes virus.**

**103. Bovine ephemeral fever virus belongs to the family**

Answer: **Rhabdoviridae**

**104. Blue Tongue in sheep is caused by**

Answer: **Orbi virus**

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**105. Which one of the antibody is called as secretory antibody**

Answer: **IgA**

**106. Shape of the Rabies virus is**

Answer: **Bullet**

**107. "Stormont test" is employed for diagnosis of**

Answer: **Tuberculosis**

**108. Johne's disease is caused by**

Answer: ***Mycobacterium avium ssp paratuberculosis***

**109. Duck viral hepatitis is caused by**

Answer: **Picorna virus**

**110. Avian influenza is caused by**

Answer: **Orthomyxovirus**

**111. Dysgonic species of Mycobacterium is**

Answer: ***M.bovis***

**112. Kennel cough in dog is caused by**

Answer: ***Bordetella bronchiseptica***

**113. Marek's disease in chicken is caused by**

Answer: **Herpes virus**

**114. Pathogenic Staphylococci responsible for mastitis in dairy animal is**

Answer: ***Staphylococcus aureus***

**115. Which one of the following puppy having low immunity against Parvo viral enteritis leading to high risk**

Answer: **Doberman**

**116. Which virus has single strand DNA as its genome**

Answer: **Circoviridae**

**117. Swollen head syndrome in poultry is caused by**

**(a) Type A pneumo virus (b) Type B pneumo virus Answer: both (a) and (b)**

**118. Virus which have a distinctive "Wheel like appearance"**

Answer: **Rota Virus**

**119. Young neonates are highly susceptible to *E.coli* infection because**

Answer: **They have receptors for K88**



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**120. Contagious equine metritis is caused by**

Answer: *Taylorella equigenitalis*

**121. The suture pattern used for intestinal anastomosis is**

Answer: Gambee suture

**122. Collection of blood between the ear cartilage and skin of the dog is**

Answer: Aural hemotoma

**123. Which suture material is used to repair hernias or reinforce traumatized or devitalized tissues**

Answer: Surgical mesh

**124. Wounds produced by friction is called as**

Answer: Abrasions

**125. A closed wound which is produced by blunt objects results in damage to subcutaneous tissues without break in continuity of the skin surface is**

Answer: Contusion

**126. Ventral diverticulum of eustachian tube in equines is**

Answer: Guttural pouch

**127. ABC program stands for**

Answer: Animal Birth Control

**128. The nerve block given for motorparalysis of eyelid is**

Answer: Auriculopalpebral nerve block

**129. Organic non absorbable suture material**

Answer: Silk

**130. The best anesthetic drug of choice for performing caesarean section in bitches is**

Answer: Propofol

**131. Butterfly cast is used in the treatment of**

Answer: Hip dislocation

**132. Common site for obstructive uroliths in bullock is**

Answer: sigmoid flexure

**133. Surgical procedure done to arrive at a diagnosis or confirmation of a disease**

Answer: Explorative surgery

**134. Oozing of inflammatory exudates at coronary band in horse hoof is known as**

Answer: Quittor

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**135. Last stage of wound healing is**

Answer: **Wound contraction**

**136. Inflammation of the iris and the ciliary body is called as**

Answer: **Iridocyclitis**

**137. Which of the animal is having binocular vision**

Answer: **Dog**

**138. The image produced by bone on the ultrasound machine monitor will be**

Answer: **hyper-echoic**

**139. Ranula is a**

Answer: **Retention cyst**

**140. Gluteraldehyde is used for sterilization of  
endoscope**

**gloves**

**orthopedic set** Answer: **all of the above**

**141. The largest nematode of domestic animal is**

Answer: ***Diectophyma renale***

**142. The causative agent of Dum dum fever is**

Answer: ***Leishmania donovani***

**143. Lithium antimony thiomalate is a drug used to treat**

**(B) Amphistomosis**

**(C) Bovine papillomatosis** Answer: **Both A and C**

**144. Steatorrhea is a common clinical manifestation in**

Answer: **giardiasis**

**145. Hepatotracheal migration is seen in**

Answer: ***T. canis***

**146. Which bacterium is predisposed by *Fasiola hepatica* infestation**

Answer: ***Clostridium spp.***

**147. The head of the tape worm is called**

Answer: **scolex**

**148. Crisis phenomenon in dogs is observed due to infection with**

Answer: ***Ancylostoma caninum***

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**149. Which of the following is a diagnostic feature of Canine Ehrlichiosis**

Answer: **thrombocytopenia**

**150. The commonest infective stage of larvae to host in nematode life cycle is**

Answer: **L3**

**151. Radial stage is absent in the life cycle of**

**a. Schistosomes b. Dicrocoelium** Answer: **Both a and b**

**152. Metacercaria is the infective stage of all trematodes except**

Answer: **Schistosomatidae**

**153. Infective larva develops within the egg of**

Answer: ***Ascaris suum***

**154. *Dirofilaria immitis* is transmitted by**

Answer: **Mosquitoes**

**155. Antibiotic effective against anaplasmosis is**

Answer: **oxytetracycline**

**156. Transovarian transmission is commonly noticed in**

Answer: **Babesia**

**157. Most common type of anaemia recorded in Diphyllbothriasis is**

Answer: **pernicious anemia**

**158. The causative agent of Equine protozoal meningoencephalitis**

Answer: ***Sarcocystis neurona***

**159. *Simulium* spp acts as vector for**

Answer: ***Leucocytozoon* spp**

**160. Haemoprotozoan parasites are commonly stained using**

Answer: **Geimsas stain**

**161. Metaplasia of the epithelium is caused by the deficiency of**

Answer: **Vitamin A**

**162. In IBR infection, the abortion most commonly occur during**

Answer: **Second trimester**

**163. “Stellate scars” are the characteristic lesions noticed in**

Answer: **Nasal glanders**

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**164. The neurological signs in tetanus are produced by**

Answer: Tetanospasmin

**165. Egg shell pimpling is seen with**

Answer: hypervitaminosis A

**166. Prolapse of 3rd eyelid condition is common in which disease**

Answer: Tetanus

**167. Air emboli seen in**

Answer: Caissons disease

**168. Sago spleen is seen in**

Answer: Amyloidosis

**169. Feather follicles are the most important source of infection in**

Answer: Mareks Disease

**170. Wooden tongue is the other name for**

Answer: Actinobacillosis

**171. The term antibiotic was first used by**

Answer: Selman Waksman

**172. Sulphur granules in yellowish pus is seen in**

Answer: Actinomycosis

**173. Inflammation of lymph node is called as**

Answer: (B) Lymphadenitis

**174. Bronze discolouration of Liver in poultry is caused by**

Answer: Fowl typhoid

**175. Intranuclear inclusion bodies are seen in**

Answer: Adeno virus infection

**176. Father of cellular pathology is**

Answer: Rudolf Virchow

**177. Bleeding from the oviduct is designated as**

Answer: Hemosalpinx

**178. Double spiny penis is present in**

Answer: Snakes

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**179. Monoestrous animals are those having estrous cycle**

Answer: **One per year - eg. Wild animals**

**180. Wildlife (protection) act was formulated in the year**

Answer: **1972**

**181. In which method of faecal examination an emulsifying fluid of a higher specific gravity than that of parasite eggs is used ?**

Answer: **Floatation method**

**182. Non ruminant roughage grazer is**

Answer: **Zebra**

**183. The day of vaccination against Marek's disease**

Answer: **First day**

**184. Brooder pneumonia in poultry is caused by**

Answer: ***Aspergillus fumigatus***

**185. In poultry, true stomach is**

Answer: **Proventriculus**

**186. Study of birds which are not classed as poultry is known as**

Answer: **Ornithology**

**187. The anti-nutritional factor present in the egg albumen**

Answer: **Avidin**

**188. Egg albumen is formed in the**

Answer: **magnum**

**189. The end product of protein metabolism in poultry is mainly**

Answer: **Uric acid**

**190. The major phospholipid of egg is**

Answer: **Lecithin**

**191. EDS '76 is caused by**

Answer: **Adenovirus**

**192. In which part of the cloaca in birds, bursa of fabricus opens?**

Answer: **Proctodeum**

**193. Photosensitization is exhibited by**

Answer: **Doxycycline**

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**194. Grey baby syndrome is caused by**

Answer: Chloramphenicol

**195. Study of sources of drug is called**

Answer: Pharmacognosy

**196. The following aminoglycoside is relatively resistant to bacterial inactivating enzymes**

Answer: Amikacin

**197. The drug of choice for TVT is**

Answer: Vincristine

**198. Key village unit covers an area comprising about**

Answer: 1000 breedable cows and buffaloes

**199. 'Operation Flood' scheme was operated by**

Answer: NDDB, Anand

**200. Project Directorate on Poultry (PDP) is located at**

Answer: Hyderabad