

1. Dalmatian breed of dogs are predisposed to develop _____ urolith formation as a breed-specific genetic disorder

Answer: **Ammonium urate uroliths**

2. Triple mixture (Triple drip) anaesthesia for ruminants contains

Answer: **Xylazine, Ketamine & Guaifenesin**

3. The fourth-degree burn is categorized when it involves

Answer: **Muscles, bones and tendons**

4. Antibiotic which cross the blood-brain barrier without any inflammation

Answer: **Chloramphenicol**

5. Disease of pigs which is also known as 'Blue ear disease' is

Answer: **Porcine reproductive and respiratory syndrome (PRRS)**

6. Food Safety and Standards Authority of India (FSSAI) is a statutory body established under the

Answer: **Ministry of Health & Family Welfare**

7. Supramammary lymph node congestion and enlargement are seen in

Answer: **Brucellosis**

8. Causative agent of "lumpy wool disease" and "strawberry footrot" in sheep

Answer: ***Dermatophilus congolensis***

9. The National Institute of Animal Nutrition and Physiology (ICAR-NIANP) is located at

Answer: **Bengaluru**

10. "Project Elephant" was launched by the Government of India, Ministry of Environment and Forests in the year

Answer: **1992**

11. Colliculus seminalis (Seminal colliculus) is a rounded prominence present in

Answer: **Urethra**

12. Egg containing agar broths or solid media are recommended for the culture of

Answer: ***Mycobacterium***

13. "Angular process" is present in the posterior border of mandible in

Answer: **Dog**

14. Which one of the following in the heart plays a major role in electrical conduction and propagation of impulse to the ventricular muscle

Answer: **Purkinje fibers**

15. The vitamin which is present in coenzyme A is

Answer: **Pantothenic acid**

16. Transfer of DNA from gel to nitrocellulose or nylon membrane in molecular biology

Answer: **Southern blotting**

17. Vencobb-400 is a commercial strain of

Answer: **Broiler chicken**

18. Bowman's corpuscles are found in

Answer: **Kidney**

19. Inflammation of the tendon sheath (where muscle connects to bone) is

Answer: **Tendovaginitis**

20. Which one is the mesogenic vaccine strain of Newcastle Disease Virus?

Answer: **R2B**

21. The largest animal virus

Answer: **Pox**

22. Drug of choice for "*Babesia gibsoni*"

Answer: **Clindamycin**

23. Which among the following disease is also known as Bang disease?

Answer: **Brucellosis**

24. Plaster of Paris is a mixture of _____ and water

Answer: **Calcium sulphate**

25. Bile serves as an important excretory route for

Answer: **Cholesterol**

26. The genes carried on X chromosomes are called as

Answer: **Sex linked genes**

27. Guttural pouch is a unique feature in which of the following domestic animal species?

Answer: **Horse**

28. Conducting system of the heart which is also known as "pace maker"?

Answer: **Sinu-atrial node (SA node)**

29. Which of the following is the rarest type of granulocyte?

Answer: **Basophil**

30. The most common disorder of the prostate of intact dogs is

Answer: **Benign prostatic hyperplasia**

31. Vagal indigestion in cattle may be caused because of

Traumatic reticuloperitonitis

Adhesion between Rumen and abomasum

Diaphragmatic hernia

Answer: **All the above**

32. PPR in goats is transmitted and spread by

Answer: **Droplets released into air while sneezing and coughing**

33. The maximum period animals are allowed to walk per day during transportation

Answer: **8 hours**

34. The presence of this antibiotic residue in milk causes aplastic anaemia in children

Answer: **Chloramphenicol**

35. Which among the following is not a part of uvea (the middle layer of the eye)?

Answer: **Lens**

36. Inguinal Hernia is also known as

Answer: **Bubonocele**

37. The duplex uterus (two completely separate uterine horns with two cervixes) is present in

Answer: **Rabbit**

38. The characteristic OWL EYE type of inclusion bodies are seen in the infections of

Answer: **Herpesviridae**

39. The following teeth are absent in ruminants

Answer: **Canines**

40. 'TORCH' test is associated with diagnosis of

Answer: **Toxoplasmosis**

41. Irregular or scattered cases of disease present in the population is known as

Answer: **Sporadic**

42. Necrotic enteritis in chicken is caused by

Answer: ***Clostridium perfringens***

43. Disease caused by prions

Scrapie in sheep

Chronic wasting disease in deer

Mad cow disease in cattle

Answer: **All the above**

44. Pseudopregnancy in bitches is the result of

Answer: **Increase in Prolactin and decrease in Progesterone**

45. Rigor mortis is absent in animals died due to

Answer: **Anthrax**

46. Heart originates from

Answer: **Mesoderm**

47. Stigma is the structure formed during the process of

Answer: **Ovulation**

48. Raw fish is rich in antagonist of

Answer: **Thiamine**

49. Enzootic ataxia occurs due to the deficiency of

Answer: **Copper**

50. Yellow fat disease in cat due to deficiency of

Answer: **Vitamin E**

51. Cerebral cortical necrosis or Polioencephalomalacia (PEM) is due to the deficiency of

Answer: **Thiamine**

52. Shortest sheep breed in India

Answer: **Mandya**

53. "Pimply gut" in cattle is caused by

Answer: ***Oesophagostomum radiatum***

54. "Pirodog" is the vaccine against

Answer: ***Babesia canis***

55. Dicoumarol is an anticoagulant that acts as an antagonist by inhibiting the bioavailability of

Answer: **Vitamin K**

56. Deficiency of dietary calcium in young animals leads to

Answer: **Rickets**

57. Zoonotic implications of brucellosis in human beings is mostly due to

Answer: ***Brucella melitensis***

58. The test used to diagnose hip dysplasia

Answer: **Ortolani test**

59. Which of the following is a circulating blood cell that is capable of differentiating into a plasma cell?

Answer: **B- Lymphocytes**

60. Largest nerve in the animal body?

Answer: **Sciatic**

61. The opening from the stomach into the duodenum.

Answer: **Pylorus**

62. In which part of the female reproductive tract fertilization takes place

Answer: **Isthmus**

63. Gold standard test for diagnosis of Leptospirosis is

Answer: **Microscopic Agglutination Test (MAT)**

64. The major phospholipid of egg is

Answer: **Lecithin**

65. The method of growing fodder without soil is known as

Answer: **Hydroponics**

66. Tendinous linear sheet of muscle present at the abdominal floor is

Answer: **Linea alba**

67. Which of the following is a start codon

Answer: **AUG**

68. Which of the following is a stop codon

UAA

UAG

UGA

Answer: **All the above**

69. The organism present in high concentration in pigeon droppings is

Answer: ***Cryptococcus neoformans***

70. Bovine diarrhoea virus belongs to the family

Answer: **Flaviviridae**

71. The enzymes used for joining two DNA molecule is

Answer: **DNA ligase**

72. Which organelles is the site for Protein Synthesis?

Answer: **Ribosomes**

73. Bleeding from the oviduct is designated as

Answer: **Hemosalpinx**

74. Which of the following is the largest vein in the animal body?

Answer: **Posterior venacava**

75. The most appropriate anticoagulant used for collection of blood for blood glucose estimation

Answer: **Sodium fluoride**

76. The bony demarcation between abdominal and pelvic cavities is

Answer: **Plevic brim**

77. Goose stepping in pigs is characteristic sign of

Answer: **Pantothenic acid deficiency**

78. Symsacrum is found in which of the following

Answer: **Fowl**

79. Calcium disodium EDTA is the drug used in

Answer: **Lead poisoning**

80. The ratio of Trimethoprim: Sulfa in potentiated sulfa is

Answer: **1:5**

81. In a dairy Cow, milking operation should be completed within

Answer: **5 - 7 minutes**

82. Dwarf tapeworm of poultry

Answer: ***Davainea proglottina***

83. The following are PURGATIVES

Castor Oil

Docusate sodium

Bisacodyl

Answer: **All the above**

84. Which one of the following puppies having low immunity against Parvo viral enteritis leading to high risk

Answer: **Doberman**

85. Ventral diverticulum of eustachian tube in equines is

Answer: **Guttural pouch**

86. Highly infectious viral disease of cattle and even after recovery the virus remains latent in sciatic and trigeminal ganglia

Answer: **Infectious Bovine Rhino tracheitis (IBRT)**

87. The organism first replicate in the myocytes then enters the nervous system at motor end plates in

Answer: **Rabies**

88. Which one of the following is/are the native cattle breed of Tamilnadu

Alambadi

Kangayam
Umblachery
Bargur
Pulikulam

Answer: **All the above**

89. Central Cattle breeding farm is located at _____ in Tamilnadu

Answer: **Alamadhi**

90. Heart worm of dog

Answer: ***Dirofilaria immitis***

91. Johne's disease is caused by

Answer: ***Mycobacterium avium Ssp paratuberculosis***

**92. The iron requirement of baby pig is increased because of
Its rapid growth rate**

High rate of hemoglobin synthesis

Low placental transfer of Iron

Answer: **All the above**

93. The practice of increasing the nutrient intake of ewes prior to and during breeding is called as

Answer: **Flushing**

94. Major constituent of poultry egg shell is

Answer: **Calcium**

95. Average space required for cattle weighing 300-400kg in a railway wagon on road vehicle is

Answer: **1.4 sq. meter**

96. AFDP stands for

Answer: **Accelerated Fodder Development Programme**

97. Ear notching is commonly practised for identification method in

Answer: **Pigs**

98. Self-carbonated milk beverage is called as

Answer: **Kefir**

99. Egg is the potent source of the following

Answer: **Vitamin D, low in Calcium and devoid of Vitamin C**

100. Contagious equine metritis is caused by

Answer: ***Taylorella equigenitalis***

101. Which of the following post-mortem changes are seen in electrocution?

Fracture of long bones

Bloody discharge from natural orifice

Hemorrhage in skeletal muscle

Answer: **All the above**

102. Which one of the following chemicals can cause conditional Iron deficiency

Answer: **Calcium carbonate**

103. The highest point of roof is

Answer: **Ridge**

104. Urea-molasses-mineral blocks popularly called "Buffalo chocolates" has been prepared by

Answer: **NDDDB**

105. Cellulitis means inflammation of

Answer: **Dermis and subcutis**

106. Telangiectasias means

Answer: **Dilatation of artery**

107. 'Mc Fadyean's reaction' is associated with

Answer: ***Bacillus anthracis***

108. The objective of the livestock Importation Act, 1898 is

Answer: **To Prevent Infectious (or) contagious diseases**

109. Ricin is a compound present in legume seeds which can be destroyed by

Answer: **Heat treatment**

110. Frequent kicking at abdomen, pawing, sweating and getting up and down are characteristic symptoms of

Answer: **Colic in horse**

111. The Dental pad is absent in the upper jaw of

Answer: **Horse**

112. The pH value of good silage is

Answer: **3.7 to 4.2**

113. Feeding of bypass protein is advisable to

Answer: **Dairy cow yielding more than 15kg milk per day**

114. Which one of the following aflatoxins is the most toxic in nature

Answer: **B1**

115. Which of the following organic compounds are alkaloid

Atropine

Quinine

Aerocoline

Answer: **All the above**

116. Milk yield range of Kangeyam Cow

Answer: **600 to 700 kg**

117. Backing the horse is done to

Answer: **To find out defects in the loin**

118. The state of dehydration is assessed by inspecting

Answer: **Eye and skin**

119. Commonly used dairy sanitizer is

Answer: **Calcium hypochlorite**

120. The place where animal is given rest before slaughter is called as

Answer: **Lairage**

121. Frankfurter is a typical example of

Answer: **Cooked smoked sausage**

122. The causative agent of contagious pustular dermatitis (ORF)

Answer: **Parapox virus**

123. Dunkop and Dikkop forms are noticed in

Answer: **African horse sickness**

124. Main function of "Paneth cells" in small intestine is

Answer: **Production of bacteriolytic enzymes**

125. Which breed of native bullocks were utilized by Tipu Sultan to carry cannons in the war against East Indian Company?

Answer: **Amritmahal**

126. Rendered pig fat is called as

Answer: **Lard**

127. The end product of aerobic glycolysis is

Answer: **Pyruvate**

128. The commonest method of mischievous killing is

Answer: **Poisoning**

129. Salting in cheese is done at the level of ____ %

Answer: **1 - 2 %**

130. Non dilation of cervix causing dystocia in ewes is known as

Answer: **Ring womb**

131. Test used to know the functional integrity of sperm membrane

Answer: **Hypo osmotic swelling test**

132. First anti rabies vaccine was developed by

Answer: **Louis Pasteur**

133. To increase the milk production of the indigenous cattle breeds in plains, the suitable breed for crossing is

Answer: **Jersey**

134. The home tract of Jamnapari goat breed is

Answer: **Uttar Pradesh**

135. National Meat Research Institute is located in

Answer: **Hyderabad**

136. The Deonar abattoir located in

Answer: **Mumbai**

137. The mineral to be supplemented in the ration of ruminants for the synthesis of methionine by the rumen microbes

Answer: **Sulphur**

138. Vitamin D is essential for the absorption of

Answer: **Calcium**

139. Crescent shaped RBCs are seen in

Answer: **Sickle cell anemia**

140. Eosinophilia is seen in

Skin diseases

Allergic conditions

Parasitic diseases

Answer: **All the above**

141. The bone which is a part of axial skeleton is

Answer: **sacrum**

142. Os phrenic is a visceral bone present in

Answer: **Camel**

143. The following anthelmintic has been found to be safe during pregnancy

Answer: **piperazine**

144. Praziquantel is effective against the following helminth(s)

Taenia saginata

Diphyllobothrium latum

Schistosomes

Answer: **All of the above**

145. The antidote for diazepam overdose is

Answer: **flumazenil**

146. Gun metal kidney is characteristic of ____ toxicity

Answer: **copper**

147. Lola is the synonym of which Indian cattle breed

Answer: **Sahiwal**

148. Method(s) of drying off dairy cows

Intermittent milking

Incomplete milking

Complete cessation of milking

Answer: **All the above**

149. The gestation period of sheep is about

Answer: **150 days**

150. The gall bladder is absent in

Answer: **horse**

151. The "Oyster Shell" shaped spleen is present in

Answer: **sheep**

152. Western blotting detects

Answer: **proteins**

153. A line "Margoplicatus" separates non glandular and glandular parts in the stomach of

Answer: **horse**

154. Two caeca are seen in

Answer: **birds**

155. Physiological cell death after completion of its function is known as _____

Answer: **necrobiosis**

156. A type of multinucleated giant cell seen in lesions with high lipid content such as fat necrosis, xanthoma, and xanthelasma and

xanthogranulomas

Answer: **touton giant cell**

157. The following species is resistant to FMD

Answer: **horses**

158. The 'chorea' is a classical nervous sign shown in dogs affected with

Answer: **Canine Distemper (CD)**

159. Post exposure prophylaxis for prevention of rabies is recommended as (in days)

Answer: **0, 3, 7, 14 and 28**

160. Large eosinophilic Intracytoplasmic inclusion bodies in fowl pox are called as

Answer: **Bollinger bodies**

161. Sausage like mass on per rectal examination in large animals

Answer: **intussusceptions**

162. Ground glass appearance in radiograph is seen in

Answer: **ascites**

163. Ante mortem inspection of animals fails to detect

Answer: **sarcocystosis**

164. Post mortem inspection of animals fails to detect

Answer: **rabies**

165. "Red mange" in dogs is caused by

Answer: ***Demodex canis***

166. Scalding is the necessary step in the dressing of

Answer: **pig**

167. Gestation period in mares is about

Answer: **340**

168. Indigenous breed(s) of horse

Marwari

Kathiawari

Spiti

Answer: **All the above**

169. Infectious bronchitis in poultry is caused by

Answer: **corona virus**

170. Glycine is recently classified as an essential amino acid for

Answer: **piglets**

171. Which of the following plant intoxicities causes dryness of mouth?

Answer: ***Datura stramonium***

172. The following medicinal plants are used in the ethnoveterinary practice for treating helminthiasis

Piper nigrum

Leucas aspera

Azadirachta indica

Answer: **All the above**

173. Brown discoloration of lungs in Chronic Venous Congestion (CVC) is due to

Answer: **Haemosiderin**

174. Mid-gestational abortion in cattle is observed in

Answer: **Campylobacter disease**

175. The longest part of the oviduct in poultry is

Answer: **Magnum**

176. PPR vaccine is produced from

Answer: **Sungri/96 Strain**

177. Officially, OIE (WOAH) recognized India as free from Rinderpest disease in the year

Answer: **2006**

178. Ivermectin is effective against

Answer: **ectoparasites and nematodes**

179. Melatonin is synthesized from

Answer: **pineal gland**

180. Amino acid required for thyroid hormone synthesis is

Answer: **Tyrosine**

181. Prolactin inhibitor is

Answer: **cabergoline**

182. Ruminants are more prone to Retained Foetal Membranes (RFM) due to the type of placenta they have

Answer: **cotyledonary**

183. Atropine sulphate is contraindicated in

intussusceptions

bovine premeditations

equines

Answer: **All the above**

184. Ping sound heard in

Answer: **LDA**

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

Answer: **20%**

186. Cucumber seed shaped gravid segments are seen in

Answer: ***Dipylidium caninum***

187. Lungworms which are referred to as "biohelminths"

Answer: ***Dictyocaulus***

188. The larval stages of *Spirometra* are commonly known as

Answer: **Sparganum**

189. The term used to denote shedding of gravid segments is known as

Answer: **apolysis**

190. Parthenogenesis is found to occur in the life cycle of

Answer: **Strongyloides**

191. *Hyalomma anatolicum* transmit

Answer: *Theileria annulata*

192. The castor bean tick is

Answer: *Ixodes ricinus*

193. Bird Malaria is transmitted by

Answer: *Culex*

194. Stink glands are present in

Answer: bugs

195. Act of mating in sheep

Answer: tugging

196. Ideal dry period in crossbred cattle is

Answer: 60 days

197. Study of animal behaviour is

Answer: Ethology

198. Cation that plays an important role in blood coagulation

Answer: calcium

199. Chromosome number in *Drosophila melanogaster*

Answer: 8

200. Butter milk is the by-product obtained during the preparation of

Answer: Butter