

1. Osmotic diuretic

Answer: Mannitol

2. The surgery done to preserve or restore a disabled part is

Answer: Reconstructive surgery

3. Toxic shock syndrome is most commonly caused by a toxigenic strain of

Answer: *Staphylococcus aureus*

4. Heart failure cells, also known as hemosiderin-laden macrophages or siderophages, are primarily found in

Answer: Lung

5. Indigenous cattle can be distinguished from exotic cattle by the presence of

Answer: Hump

6. The most suitable fodder for silage making

Answer: Maize

7. Bloom of meat is referred as the property of

Answer: Fresh carcass

8. In captive management of wild animals, which of the following animal should be housed in single as it is solitary in wild

Answer: Tiger

9. The eggs in the incubator should be kept ideally

Answer: Broader end up

10. Cow slaughter is legal in the states of India

Kerala, Arunachal Pradesh and West Bengal

Answer: All the above

11. Temperature of liquid nitrogen is

Answer: -196°C

12. Meat is a poor source of which vitamin?

Answer: Vitamin C

13. An aborted calf is termed as

Answer: Slink calf

14. An unweaned calf slaughtered for veal is known as

Answer: Bobby calf

15. Groundnut cake (GNC) should not be included more than 25% in swine feed because

It tends to produce a soft body fat

Pigs are more susceptible to aflatoxin

It may have troublesome laxative action

Answer: All the above

16. Energy deficiency in pregnant sheep causes ____ diseases.

Answer: Twin lamb disease

17. Probiotic organism added in the feed of non-ruminants as feed additive.

Answer: *Lactobacillus acidophilus*

18. Which of the following statement(s) is/are true with respect to thiamine deficiency?

Causes polyneuritis in animals

In birds, characteristic paralysis of neck muscles

Myelin sheath of the nerves is severely affected

Answer: All the above

19. Black tongue in dogs, a condition characterized by a dark, sometimes black tongue, is strongly associated with a deficiency of

Answer: Vitamin B3 (Niacin)

20. In DNA, the concentration of Thymine was always equal to the concentration of adenine and the concentration of cytosine was always equal to the concentration of guanine. The above fact was discovered by

Answer: Chargaff and Coworkers

21. The last segment of the coccygeal vertebra in fowl is designated as

Answer: Pygostyle

22. Loss of body weight, pneumonia hacking cough, pleurisy, feces coated with mucus, pus cells and occasionally blood and on rectal examination reveal enlarged mesenteric lymph node, the above findings are related to one of the following in cattle.

Answer: TB

23. Which species of animals are more commonly affected by *Toxocara vitulorum* in India?

Answer: Buffalo calves

24. Vaccines containing killed bacteria are called as

Answer: Both (a) and (b) are correct

25. *Bacillus anthracis* in a bovine blood smear showing square encoded blue bacilli in short chain surrounded by a pink capsule stained by

Answer: Polychrome methylene blue

26. Major cause of laminitis in ruminants is due to

Answer: Ruminal acidosis

27. Ferguson's reflex initiates release of which hormone at parturition in cow?

Answer: Oxytocin

28. Pipe-stem feces is a clinical sign often seen in young animals during the subacute stage of **Answer:** *Babesia bovis*

29. The gestation period of Great One horned Rhinoceros is

Answer: 15 to 16 months

30. Vembur is a breed of ___ in Tamil Nadu.

Answer: Sheep

31. Sheep breed considered the best mutton type breed in Tamil Nadu

Answer: Mecheri

32. Bargur is a breed of ____ in Tamil Nadu.

a) Cattle b) Buffalo

Answer: Both (a) and (b)

33. In swine, greasy skin disease occurs due to

Answer: Low zinc level in the diet

34. The vitamin that plays a role in the absorption of amino acids from the intestine is

Answer: Vitamin B6

35. Leading states for egg production in India are

Answer: Tamil Nadu and Andhra Pradesh

36. Choose the Right Matches

Answer: HACCP — Hazard Analysis Critical Control Point

37. Type of RNA needed to translate the coded mRNA to amino acid is

Answer: tRNA

38. When a piece of a chromosome breaks off and attaches to another chromosome, usually of another pair, the phenomenon is called

Answer: Translocation

39. By product obtained from sugar industry which is used as binder for commercial pelleted feed.

Answer: Molasses

40. Find the correct pair

Copper — Sway back disease, Manganese — Perosis,

Zinc — Parakeratosis

Answer: All the above

41. The widely used commercial vaccine against Marek's disease in poultry

Answer: HVT (Turkey Herpes Virus Vaccine)

42. The following animal serve as amplifier host for foot and mouth disease

Answer: Pig

43. Trochlea is present in which of the following joint?

Answer: Stifle joint

44. The plasma membrane of fungi differs from animal cells by having

Answer: Ergosterol

45. Lancefield grouping is a serological method used to classify different species of

Answer: *Streptococci*

46. Shape of right kidney in Horse is

Answer: Heart of playing card

47. In the stomach, hydrochloric acid (HCl) is secreted by

Answer: Parietal cells

48. The only accessory sex gland present in dog is

Answer: Prostate gland

49. Gestation period of African elephant

Answer: 22 months

50. Crossbreeding between Jersey × Sahiwal aims to

Answer: Enhance milk yield

51. Which structure in ruminants acts as the primary fermentation vat?

Answer: Rumen

52. Which hormone regulates glucose metabolism?

Answer: Insulin

53. Hydatid cysts are commonly found in

Answer: Liver and lungs

54. Lignocaine is used for

Answer: Spinal block

55. Radiopaque materials appear _____ on X-rays

Answer: White

56. Ketosis is due to

Answer: Energy deficiency

57. A veterinarian issuing a false health certificate can be charged under

Answer: Section 471 of the IPC

58. Hormones FSH and LH are secreted from

Answer: Pituitary

59. Type of teeth which is absent in cattle

Answer: Canines

60. Digestion of carbohydrates in ruminants by microorganisms results in the formation of _____.

Answer: Volatile fatty acids

61. Major milk protein in cow milk is _____.

Answer: Casein

62. Internal quality of egg can be examined using

Answer: Candler

63. The dominant immunoglobulin in the serum and egg yolk of birds, and it is structurally similar to mammalian IgG

Answer: IgY

64. It is a process by which the milk is forced through minute opening under high pressure so that the fat globules are subdivided and reduced in size

Answer: Homogenization

65. World Rabies Day

Answer: Every year September `28th

66. A prediction of the probable course of a disease in an individual animal and the chances of recovery is known as

Answer: Prognosis

67. Wither pinch test is done in the clinical diagnosis of

Answer: Hardware disease

68. Which among the following drug is antagonistic with fluoroquinolones?

Answer: Chloramphenicol

69. Penicillinase-resistant penicillin

Answer: Cloxacillin

70. The most popular fermented indigenous dairy product in India

Answer: Curd

71. "Rose budding" is a toxic effect in pigs, which is characterized by a localized edema (swelling) around the site of injection

Answer: Tylosin

72. The knobby appearance of the spleen is a characteristic of

Answer: Tuberculosis

73. Which of the following hormones is not a glycoprotein hormone?

Answer: PTH

74. The period from the date of calving to the date of next conception is

Answer: Service period

75. Group of animals NOT coming under the family Equidae are

Answer: Llamas

76. The precursor of Vitamin D in plant tissue is

Answer: Ergosterol

77. Group of animals coming under the family Bovidae are

(a) Cattle & Buffaloes (b) Sheep & Goat

Answer: All the above

78. The term refers to animals that have lost all their teeth

Answer: Gummers

79. The accessory gland present in cats but not in dogs is the

Answer: Bulbourethral Gland

80. Which of the following foreign breed has largely been used for cross breeding of cows in India

Answer: Jersey

81. Hormone responsible for estrus

Answer: Estrogen

82. Which of the following is the breed of Goat

Answer: Beetal

83. The agent recommended for treating organophosphorus poisoning but not carbamate poisoning is

Answer: Pralidoxime

84. Appeasement cry is a characteristic feature of estrus in

Answer: Queen cat

85. Persistent penile erection in the absence of sexual stimulation in dogs

Answer: Priapism

86. The smallest of the three bones that make up the os coxae (hip bone) of cattle is

Answer: pubis

87. Os opticum bone is seen in

Answer: birds

88. The minimum interval between two successive milking of cow is

Answer: 6 hours

89. Muzzle twitching is a common restraint method used primarily in

Answer: horses

90. The animal species known as the "poor man's cow" is

Answer: Goat

91. Lymph nodes are absent in

Answer: Chicken

92. Which of the following disease is non zoonotic?

Answer: FMD

93. The cell organelle known as the "suicide bag" is

Answer: Lysosome

94. Which base pair is absent in DNA but found in RNA?

Answer: Uracil

95. Acute gangrenous myositis is characteristic pathological lesion of

Answer: Black Quarter

96. Vagus nerve is a

Answer: Mixed Nerve

97. Camels are

Answer: Induced Ovulator

98. The vitamin that is known to inactivate free radicals is

Answer: Vitamin E

99. The following species are not affected by FMD

Answer: Zebras

100. The disease caused by Mycoplasma

Answer: CRD, CBPP, CCPP

101. Maximum heterosis is observed in

Answer: F1 generation

102. Which of the following is not present in animal cells?

Answer: Cell walls

103. The animal declared 'Vermin' by the state of Himachal Pradesh for a period of one year is.....

Answer: Monkeys

104. The organ whose healing is based on the "one wound one scar" theory is

Answer: Tendon

105. Which of the following is a highly fatal, economically important, acute septicemic disease predominantly affecting water buffaloes and cattle and causes heavy death losses in endemic regions

Answer: Hemorrhagic septicemia

106. The metacestode of which adult tapeworm of humans is commonly found in the striated musculature of cattle?

Answer: *Taenia saginata*

107. The route of administration that provides immediate onset of action, rapid peaking effect, shorter duration of action, and generally more intense effects than other routes is

Answer: intravenous administration

108. The most appropriate method of anesthesia for a dog or cat in shock when other analgesic or anesthetic agents are contraindicated is

Answer: Bier block

109. Meat Inspection denotes

- A) Antemortem examination of animals
- B) Postmortem examination of carcass and all offals
- C) Laboratory tests carried out in support of a and b, above

Answer: All the above

110. Drawer syndrome in dogs occurs due to rupture of

Answer: Cruciate ligament

111. Exudative diathesis in chickens is caused by the deficiency of

Answer: Vitamin E

112. Hepatic encephalopathy in cattle is due to

Answer: increased ammonia

113. Pandy's test is done to estimate the level of ____ in cerebrospinal fluid

Answer: proteins

114. The insect-borne, multispecies zoonotic viral disease of livestock is

Answer: Rift Valley fever

115. The Christie-Atkins-Munch Peterson (CAMP) test is specifically designed to

Answer: *Streptococcus agalactiae*

116. Immune complex mediated hypersensitivity is

Answer: Type III

117. The 'string of pearls' colony formation on penicillin agar is a characteristic feature of

Answer: *Bacillus anthracis*

118. Crossbreeding is done to

- introduce desirable characters
- evolve a new breed, and exploit heterosis

Answer: All of the above

119. Progeny testing is done to select the

Answer: Parent

120. The process of removing poor/ inferior animals from a herd is called

Answer: Culling

121. The coefficient of relationship between half-siblings is

Answer: 0.25

122. Milk yield is an example of

Answer: sex limited inheritance

123. A group of sheep is commonly referred to as

Answer: flock

124. In the Process of Gluconeogenesis

Answer: Glucose is formed from non-carbohydrate substrate

125. The antibiotic with a high degree of photosensitivity is

Answer: Tetracycline

126. The rumination center, which controls the regurgitation, remastication, and swallowing of food in ruminant animals, is located in

Answer: Medulla oblongata

127. The inactive form of enzyme is known as

Answer: zymogen

128. A non-legume fodder is

Answer: Bajra

129. The tenderizing enzyme prepared from papaya is

Answer: papain

130. The medical term for lying on the side is

Answer: lateral

131. The characteristic feature of the veins are

Answer: Large diameter, thin walls and presence of valves

132. Bone-destroying cells are called as

Answer: Osteoclasts

133. Botanical name of Napier grass is

Answer: *Pennisetum purpureum*

134. External examination of different body parts through touching is referred as

Answer: Palpation

135. The most effective treatment for anaphylaxis and anaphylactic shock especially when breathing is affected is

Answer: Epinephrin

136. The lining epithelium of the trachea is

Answer: Pseudo stratified ciliated columnar

137. Photoreceptors are present in

Answer: Retina

138. The concentration of acetic acid in the rumen tends to increase when the diet is high in.... **Answer:** Roughage

139. Primary source of glucose to the ruminant is

Answer: Propionic acid

140. Bones which contains air spaces or sinuses which communicate with exterior is

Answer: Pneumatic bones

141. Dry matter requirement for maintenance of a cow weighing 400 kg, giving 10 litres of milk having 4 — 5% fat is

Answer: 10 kg

142. Plants which contain significant amount of saponins are

Answer: lucerne and soybean

143. Which of the following is the correct explanation of outcrossing

Answer: Mating between unrelated animals within same breed

144. In 'Grading-up' breeding program, what will be the percentage inheritance of purebred in 5th generation female?

Answer: 96.87%

145. Rumenotomy, an important surgical operation in veterinary practice, is performed under which type of local anesthesia/ technique?

Answer: Infiltration anesthesia

146. Foramen triosseum is present in the

Answer: Aves

147. Largest lymph duct in the body is

Answer: Thoracic duct

148. Angara disease, also known as hydropericardium syndrome (HPS) or Litchi heart disease, is an acute, infectious disease of chickens caused by

Answer: Adenovirus

149. Which of the following provides active artificial immunity to an individual?

Answer: Tetanus toxoid

150. The researcher associated with birth of first calf from Embryo Transfer in 1951

Answer: Willet *et al.*

151. Which of the following is a cyanogenic plant?

Answer: Sorghum (*Sorghum sudanense*)

152. Silver nitrate is an inorganic compound, soluble in water and alcohol. It is not recommended for one of the following cases

Answer: Removal of overproduction granulations

153. Which one of the following is the incorrect statement about tetracycline?

Answer: They can be given with intravenous fluids, particularly Ringers lactate and calcium

154. The amount of feed given to an animal in a 24-hour period. It refers to the specific portion of food allocated to an animal daily, considering its nutritional needs s called as

Answer: Ration

155. Entrepreneurship development is the primary focus area of which of the following?

Answer: National Livestock Mission (NLM)

156. Ribosomes are essential for the synthesis of

Answer: Protein

157. A pulley-like grooved articular surface is called as

Answer: Trochlea

158. Radius and ulna are not fused in

Answer: Dog

159. Which one of the substances is not found in normal urine

Answer: Glucose

160. Dissolution of clot is called

Answer: Fibrinolysis

161. Process of release of gas from the digestive tract through mouth is

Answer: Eructation

162. Milk from which of the following species have the highest fat %

Answer: Seal

163. Central cattle breeding farm for Red Sindhi cattle is located at

Answer: Chiplima, Odisha

164. The number of new cases that occur in a known population over a specified period of time is termed as

Answer: Incidence

165. Segregation of animals, which are suspected to be affected with a contagious disease is termed as

Answer: Isolation

166. Cause of Addison's disease is

Answer: Hypoadrenocorticism

167. The condition characterized by a high percentage of spermatozoa with abnormal morphology (shape and structure) in a semen sample is

Answer: Teratozoospermia

168. Adulteration of any drug or medical preparation is punishable under section

Answer: 274 IPC

169. The scientist who was awarded the Nobel Prize in Chemistry in 1993 for his invention of the Polymerase Chain Reaction (PCR) method

Answer: Kary Mullis

170. Reappearance of an ancestral but not parental trait in an organism after an absence of several generations is called

Answer: Atavism

171. The Horvet cryoscope is specifically designed and widely used to determine which physical property of milk?

Answer: Freezing point

172. The Prevention and Control of Infectious and Contagious Diseases in Animals Act came into existence in

Answer: 2009

173. The hormone directly responsible for preparing the uterine mucosa for implantation.

Answer: Progesterone

174. Displacement of the intestine outside the abdominal cavity with displaced portion being covered with parietal peritoneum

Answer: Herniation

175. The most common myocardial parasite in the cows is

Answer: *Sarcocystis spp*

176. Post-mortem examination of animals to determine the cause of death is called

Answer: Necropsy

177. Greenish glaring colour of eye at night in animals is due to

Answer: Tapetum

178. Indigenous cattle can be distinguished from exotic cattle by the presence of

Answer: Hump

179. Which of the following are bone by-products of an animal?

Answer: Bone meal, Gelatin and Glue

180. By-product from cereal industry is termed as

Answer: Bran

181. Low-milk-fat syndrome in cattle occurs due to

Answer: Ruminal acidosis

182. Islets of Langerhans consists of

Alpha cells, Beta cells and Delta cells

Answer: All the above

183. A mammalian egg is an example of a

Answer: Microlecithal egg

184. Polypeptide hormone which promotes glycogenolysis?

Answer: Glucagon

185. A female calf (free martin) born co-twin with a male calf is infertile about what percentage of time?

Answer: 90%

186. The greenhouse gas not emitted by livestock is

Answer: Fluorinated gases

187. Which of the following drugs is antitrepatodal?

Answer: Clorsulon

188. In sheep "nibbling reflex" is a characteristic clinical sign of.

Answer: Scrapie

189. In India colour code for filling of semen in straws for Indigenous cattle breeds is

Answer: Orange

190. The call/phone number of "ANIMAL MOBILE MEDICAL AMBULANCE" in Tamil Nadu is

Answer: 1962

191. Trypanosoma infection that transmits sexually

Answer: Dourine

192. The first Military Dairy Farm was started in India at

Answer: Allahabad

193. Death of fetus in a sterile uterus may leads to a condition called

Answer: mummification

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

Answer: butter

195. Indigenous vaccine developed for Lumpy Skin Disease in cattle by ICAR

Answer: Lumpi-ProVac Ind

196. In Jewish slaughter, the butcher is called as

Answer: Shochet

197. Pheromones are secreted in saliva foam in

Answer: Boar

198. Honey comb appearance is seen in the interior of

Answer: reticulum

199. Herniation of uterus is called as

Answer: Hysterocoele

200. Lungworms which are referred to as "biohelminths"

Answer: Dictyocaulus spp.,
