

1. The following is an example of prebiotics

Answer: Fructo-oligosaccharides

2. The predominant sign of stage III milk fever in cattle is

Answer: Lateral recumbency

3. Snail is predominant carrier for

Answer: Liver fluke

4. Which of the following is a legume fodder?

Answer: *Medicago sativa*

5. Choking in cattle usually occurs at which region of esophagus

Answer: Upper third

6. Rashtriya Gokul Mission (RGM) was launched for the development and conservation of indigenous breeds in the year

Answer: 2014

7. In which infection the dogs may develop corneal oedema and opacity?

Answer: Infectious Canine Hepatitis

8. The biological value of egg protein is

Answer: 94

9. Drug used for the treatment of *Babesia gibsoni* infection in dogs

Atovaquone, Clindamycin, Imidocarb

Answer: All the above

10. Which of the following disease is associated with Moon blindness (ERU) in horses

Answer: Leptospirosis

11. "Roup" in chicken is commonly called as

Answer: Infectious Coryza

12. Boot-like appearance of long bones in chicken is characteristic of the disease

Answer: Lymphoid leukosis

13. Skin scrapings for diagnosis of the dermatitis is taken in

Answer: 10% KOH

14. Neoplasia of the spleen in dogs is best treated by

Answer: Splenectomy

15. Breed of chicken having black flesh

Answer: Kadaknath

16. The breed of dog that is most susceptible to perianal fistulas is

Answer: German Shephard

17. Goat plague is

Answer: Peste des Petits Ruminants (PPR)

18. Fovea capitis is present on head of _____ bone

Answer: Femur

19. Central Institute for Research on Buffaloes is located at

Answer: Hisar

20. Bleeding diathesis, a condition causing increased susceptibility to bleeding, can occur due to the deficiency of

Answer: Vitamin K

21. Bleeding within the tunica vaginalis is known as

Answer: Haematocele

22. In pox lesions, which stage is involved in the "spread" of virus

Answer: Vesicle

23. The most common malignant cutaneous tumors in dogs is

Answer: Mast cell tumours

24. The mating of F1 individual with any one of the parental types is

Answer: Back cross

25. Parasite in the anterior chamber of eye

Answer: Setarial worms

26. Medial patellar ligament is absent in

Answer: Camel

27. Wool carbonizing means

Answer: Removal of vegetative matter, grease from wool

28. Anti-nutritional factor in soyabean meal is

Answer: Trypsin inhibitor

29. Casings prepared from the stomach is known as

Answer: Maws

30. Transplacental transmission is exhibited by

Toxocara canis, Toxoplasma gondii, Trypanosoma evansi

Answer: All the above

31. The most common and economically significant neoplasm of the eye in cattle is

Answer: Squamous cell carcinoma

32. Lumpy Skin Disease (LSD) was first reported in India during

Answer: August, 2019

33. Barberio's test is usually done to detect

Answer: Seminal stain

34. The most effective and common technique to diagnose equine endometritis is

Answer: Transrectal ultrasonography

35. Thickening of the sciatic nerve can be seen in

Answer: Marek's disease

36. The most common type of skin tumor in horses

Answer: Equine sarcoid

37. The natural luteolytic agent is

Answer: PGF₂α

38. The pregnancy maintaining hormone in bovines

Answer: Progesterone

39. An example of Radical surgery

Answer: Removal of neoplasm

40. Digoxin is commonly used in the treatment of

Answer: Congestive heart failure

41. Chronic recurrent tympany in buffaloes is commonly observed in which of the following condition , **Answer:** Diaphragmatic hernia

42. The commonly used urine preservative is

Answer: Boric acid

43. Glycosuria has been associated with all of the following except

Answer: Heartworm disease

44. The first sub unit vaccine against poultry coccidiosis Cox Abic contains

Answer: Gametocyte

45. The duration of estrus in ewe

Answer: 1 - 2 days

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

Answer: Floatation technique

47. Which organisms appears as a single celled cigar-shaped body (yeast form) in tissues?

Answer: Sporothrix schenckii

48. Inflammation of a tendon sheath

Answer: Tenosynovitis

49. Dale's vasomotor reversal is exhibited by

Answer: Epinephrine

50. The species in which preovulatory luteinization of the follicle occurs is

Answer: Canine

51. White side test is used for diagnosis of

Answer: Mastitis

52. Photosensitization can occur due to feeding of

Answer: Lantana

53. Captopril is used as

Answer: Anti hypertensive

54. Excess intake of _____ can cause severe colic and excessive salivation in cows

Answer: Urea

55. This is the longest phase of the estrous cycle in a cow

Answer: Diestrus

56. The scheme known as the "mother of all schemes" to improve cattle development in India after independence

Answer: Key Village Scheme

57. Water requirement of dairy cows and Buffaloes under average feeding conditions is litres /day.

Answer: 30-35

58. Which of the following management procedure(s) is/are to be performed for the cleanliness and to improve cutaneous blood circulation in dairy cows?

Answer: Grooming

59. Turning of egg is more critical during the ___ days of incubation.

Answer: First 14 days

60. The honeycomb-like structure is present in

Answer: Reticulum

61. Which of the following can be used as Ectoparasiticide in animals?

Cypermethrin, Formamidines, Propoxur

Answer: All the above

62. Which snake venom is responsible for neurotoxicity?

(A.) Cobra (B). Krait

Answer: Both A & B

63. Fumigation before hatching of eggs is commonly done with

Answer: Potassium permanganate + Formalin

64. The act of mating in mare known as

Answer: Covering

65. In Tamilnadu which of the following vaccines are the main in goats?

Answer: PPR & Enterotoxaemia

66. The quality of floor is responsible for the disease of

Answer: Musculo skeletal system

67. Which one of the following cattle breeds is correctly paired with its unique feature?

Answer:

Vechur - Miniature cattle,

Umblacherry - Excellent for wet ploughing,

Punganur - Dwarf cattle

68. Which of the following buffalo breed is correctly paired with its unique horn shape?

Surti - Sickle shaped horns,

Murrah- Tightly curved horns,

Mehsana - Irregular shaped horns,

Jaffarabadi - Drooping horns

Answer: All the above

69. Which one of the following is a saturated fatty acid?

Answer: Stearic acid

70. High level of molybdenum in animal feed causes a conditioned

Answer: Copper deficiency

71. The most appropriate method for detecting and identifying animal materials in feed is

Answer: Feed microscopy

72. Rumen bypass fat

Answer: Support high energy demand of early lactation cows

73. The process where water-soluble nutrients, like sugars, minerals, and nitrogenous compounds, are washed away from hay by rain during the haymaking process

Answer: Leaching

74. When urea is fed at excessive levels to ruminants, large amounts of ____ are liberated in the rumen.

Answer: Ammonia

75. In National Research Council (NRC) standard energy requirement for poultry is expressed in terms of

Answer: Metabolizable Energy (ME)

76. For improvement of low producing non-descript cattle in India, the choice of exotic breed for coastal and tropical climate areas

Answer: Jersey

77. In DNA, the nucleotides are linked together and forms polynucleotide chain by

Answer: Phosphodiester bond

78. Pandharpuri is a breed of

Answer: Buffalo

79. In equines, digestion of a majority of cellulose occurs in

Answer: Caecum

80. The bone in the snout of Porcine is

Answer: Os rostri

81. Spermatozoa with strongly coiled, folded, or split tails are called

Answer: Dag defect

82. A classic sunburst pattern with elevated periosteum on imaging, also known as a sunray or hair-on-end appearance, is a radiographic feature often seen in

Answer: Osteosarcoma

83. Dropped elbow is due to the paralysis of

Answer: Radial nerve

84. The ion that facilitates rapid absorption of carbohydrates in the intestine is

Answer: Na⁺

85. The OS penis in dogs is a bony structure that develops from the

Answer: Corpus cavernosum

86. Major cause of laminitis in ruminants is due to

Answer: Ruminal acidosis

87. The most widely used in vivo test for assessing anthelmintic resistance is

Answer: Faecal egg count reduction test (FECRT)

88. Which one of the following methods is used to kill the cysticerci of *Taenia solium* in Pork carcasses?

Answer: Freezing at —14 to 18°C for 9 days

89. The clinical indications for nitrofurans is

Answer: Urinary tract infections

90. A complete diploid set of chromosomes (at metaphase stage) from one cell of a species arranged in pairs on the basis of size, shape and other distinguishing features is called **Answer:** Karyotype

91. Sal seed meal contains high levels of anti-nutritional factor

Answer: Tannin

92. The value of an individual, judged by the mean value of its progeny is called

Answer: Breeding value

93. Deficiency of which of the following clotting factor is responsible for Hemophilia A bleeding disorder in dogs?

Answer: Factor VIII

94. Smallest cells in the blood

Answer: Platelets

95. The lipoprotein with the highest amount of cholesterol in the blood is

Answer: LDL

96. Deficiency of choline results in

Answer: Fatty infiltration in liver

97. The main source of infection for Merck's disease is

Answer: Feather follicle cells

98. Cold shortening can be prevented by

Answer: Electrical Stimulation

99. The chelating agent used in meat plant sanitation is

Answer: EDTA

100. GMP is used for the purpose of

Answer: Quality Control

101. Genetic gain increases with

Answer: increased variation in the population

102. According to the prevention of cruelty to draught and pack animals Rules, 1965, maximum load permitted to Horse, Vehicle fitted with pneumatic tires is

Answer: 750 kg

103. During feed processing, Gelatinization of starch occurs in

Answer: Pelleting

104. The wild animal requires arachidonic acid supplementation in feed is

Answer: Tiger

105. Incomplete dilatation of the cervix in ewe is termed as

Answer: Ringwomb

106. Nerve block applied for Rumenotomy is

Answer: Paravertebral nerve block

107. Mating of F_1 to Homozygous recessive parent is called as

Answer: Test crossing

108. The number of nitrogenous bases in DNA codes a specific amino acid of polypeptide chain is, **Answer:** 3

109. The mammalian species which is recorder to have the highest number of "breeds at risk" category is

Answer: Cattle

110. Cross between a cow and a yak

Answer: Yattle

111. Flehmen' s reaction is not observed in

Answer: Swine

112. Hormone with its role in reproduction - Which one of the following is correctly matched

FSH - Follicular development,

LH – Ovulation,

Estrogen - Manifestation of Estrus signs,

Progesterone - Maintenance of Pregnancy

Answer: All the above

113. The first postpartum ovulation is to be 'Silent Ovulation' in most of the cows because of

Answer: Lack of progesterone priming

114. Colour of the mucous membrane of the cattle affected with in (HCN) Hydrocyanic acid and poisoning is

Answer: Bright red

115. Which of the following norms of Central Zoo Authority related to protection and conservation of wildlife is correct?

Zoo shall not exhibit any sick or injured animal

Zoo's built-up area shall not exceed 25% of the total area of the Zoo

Zoo shall be closed to visitors at least once a week

Answer: *All the above*

116. In breeding boar, the motility of sperm immediately after collection should be

Answer: 70 to 80 percent

117. 'Sickle shaped Horns' is a breed character of

Answer: Surti Buffalo

118. Ducks belong to the family of

Answer: Anatidae

119. In order to avoid maximum solar radiation during summer months, the long axis of the cattle shed should be constructed with

Answer: East-west orientation

120. The Gerber's acid is used to estimate _____ in Milk

Answer: Fat percentage

121. The Rosalic acid method is used for the detection of milk.

Answer: Neutralizers

122. Mayonnaise is a

Answer: Semi-solid egg yolk-based product

123. The factor that increases the susceptibility of a host to a disease is

Answer: Predisposing factor

124. Gumboro disease (IBD) is caused by

Answer: Birna virus

125. The strain of Brucella abortus used in calfhood vaccine to control bovine brucellosis in India is

Answer: B. abortus strain S19

126. Cat zoonotic disease-causing retinal damage in humans is

Answer: Toxoplasmosis

127. Azurophils is a unique type of blood cells identified only in

Answer: Reptiles

128. As per BIS standard, Ghee should contain ____ % fat

Answer: 99.5%

129. The pulmonary veins opens into the root of the

Answer: Left Atrium

130. Which, one of the following Enzyme is a reliable indicator of Hepatocellular Injury in Dogs and Cats? **Answer:** ALT

131. Serum Amylase is used as a screening test for

Answer: Acute Pancreatitis

132. The foramen ovale connects the

Answer: Right and Left Atrium

133. Renal impression is absent in the liver of

Answer: Pig

134. Sulphur yellow coloured dropping is the characteristic clinical sign in Turkeys infected with

Answer: Histomonas Meleagridis

135. Collection of pus locally within a closed cavity in an organ or tissue is called

Answer: Abscess

136. The primary immunosuppressive disease in poultry include(s)

Answer: 1. Infectious bursal disease & 2. Chicken infectious anemia

137. Adenocarcinoma is defined as malignant tumor of

Answer: glandular cells

138. Strychnine poisoning blocks the action of

Answer: Glycine

139. Which of the following statement(s) are correct with respect to Japanese Encephalitis?

Japanese Encephalitis in man occurs endemically in tropical areas.

In this disease, case fatality rate ranging between 20% and 50%

Swine plays a major role as amplifiers of the virus.

Answer: All the above

140. Epidemiological study that compares a group exposed to factors with a group not exposed to the factors with respect to the development of a disease.

Answer: Cohort study

141. The neurotoxic metabolite is

Answer: Ammonia

142. Find the incorrect statement of the following which would cause Ruminal Acidosis

Answer: Sudden change from concentrate diet to roughage diet

143. The commonly-used temperatures and time that hot air ovens need to sterilize materials is

Answer: 160°C for one hour

144. 'Brisket edema' is a common clinical sign noticed in in cattle.

Answer: Haemorrhagic septicaemia

145. The type of vaccine used for prevention of anthrax

Answer: Live attenuated spore vaccine

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

Answer: Streptococci

147. A male horse under the age of four is called as

Answer: Colt

148. Which one of the following is correctly paired?

Answer: Spiti — Himachal Pradesh

149. Wether is a

Answer: Castrated male sheep

150. Which tool is used for trimming overgrown hooves in cattle?

Answer: Hoof knife

151. The product made by coagulating milk with acid or rennet is

Answer: Paneer

152. Total Digestible Nutrients (TDN) is used to measure

Answer: Energy value of feed

153. Fertility of bulls can be assessed by

Hormonal assay (Testosterone levels)

Semen evaluation

Scrotal circumference

Answer: All of the above

154. The hormone responsible for milk let-down is

Answer: Oxytocin

155. Normal gestation length in buffalo

Answer: 310 days

156. Inbreeding leads to

Answer: Increased homozygosity

157. Which enzyme digests proteins in the stomach?

Answer: Pepsin

158. Which is not a zoonotic disease?

Answer: FMD

159. Which one of the following is a cattle breed?

Answer: Ayrshire

160. A feed which contains higher level of primary nutrients, and less crude fibre and low moisture is called

Answer: Concentrate

161. The teeth primarily examined for age determination in cattle are

Answer: incisors

162. Which is one of the terms are related to horse?

Answer: colt, filly, mare

163. The fleshy prominent mass lying between the forelimbs of a cattle is called as

Answer: brisket

164. Which vitamin is essential for the health and normal functioning of epithelial tissue in animal body

Answer: Vitamin A

165. The Indian breed of cattle with long pendulous ears resembling a curled leaf is

Answer: Gir

166. A child of blood group "O" may not have parents of blood groups

Answer: AB

167. Joints between the skull and the vertebral column is known as

Answer: Atlanto-occipital Joint

168. The best method of milking a dairy cow

Answer: Fisting & Full hand milking

169. Indian Grassland and Fodder research institute is located in

Answer: Jhansi

170. The authorized audio autobiography of Dr. Verghese Kurien

Answer: The man who made the Elephant dance

171. Periodic, involuntary movement of the eyeball is called as

Answer: Nystagmus

172. Allotriophagia is due to the deficiency of

Answer: Phosphorus

173. In rabbits, ovulation and the formation of the corpus luteum (CL) only occur when there is mating, and is called

Answer: Induced ovulation

174. Universal Plasma Donor Blood group is

Answer: AB

175. In dog, difficulty swallowing solid food, but liquid is easier to swallow, is a hallmark symptom of

Answer: Pharyngeal obstruction

176. An adult cow was presented with the history of gradually progressing inappetence, accompanied by increasing abdominal distension. The abdominal distension had typical 'papple' - shape. What is your tentative diagnosis?

Answer: Vagus indigestion

177. The most frequent and the most important manifestation of ____ deficiency in farm animals is muscle degeneration (nutritional myopathy), also known as muscular dystrophy.

Answer: Selenium

178. The act of giving birth to a young one in rabbit is known as

Answer: Kindling

179. In bitch, the most common reason to perform ovariohysterectomy is

Answer: To prevent oestrus

180. Which among the following is not a cause for excessive bleeding?

Answer: Thrombocytosis

181. The primary toxic factor associated with Clostridium perfringens type D is

Answer: Epsilon factor

182. Cholinesterase reactivators, particularly pralidoxime, are primarily used in the treatment of poisoning caused by

Answer: Organophosphates

183. The key amino acid in melanin production

Answer: Tyrosine

184. The side kick in horses is limited by the ligament

Answer: Pubic femoral ligament

185. Iron containing chromoprotein found in the red muscles of the body

Answer: Myoglobin

186. The primary sweat glands in horses, responsible for producing sweat

Answer: Apocrine

187. The species whose semen is alkaline

Answer: Boar

188. The organ commonly referred to as the "neck of the womb" is

Answer: Cervix

189. The specialized structure found at the internal end of the teat canal serves as barrier to pathogens

Answer: Furstenberg's rosette

190. The process of bringing frozen semen to atmospheric temperature is

Answer: Thawing

191. The total dry matter requirement of cattle based on body weight is

Answer: 2 to 3 %

192. The condition "Stepping syndrome" in pigs, which is characterized by the animal constantly moving its legs as if stepping, even when standing still is due to the deficiency of

Answer: Magnesium

193. World Zoonoses day

Answer: July 6th

194. Denaturation of proteins in chicken occurs in

Answer: Proventriculus and gizzard

195. The body temperature of cow decreases in which of the following condition?

Answer: in milk fever condition

196. What will be the approximate age of a cow with permanent centrals and centro-lateral incisors while the laterals and corner incisors are temporary?

Answer: 3 years

197. National Bureau of Animal Genetic Resources is located at

Answer: Karnal

198. Most popular breed of buffalo in India used for breeding is

Answer: Muraah

199. Synthesis of milk takes place in

Answer: Alveoli

200. The compartment of ruminant stomach which trap foreign objects like nails is

Answer: reticulum