

**1. Lactic acidosis is caused by**

**Answer:** Excessive intake of large quantities of wheat grains

**2. The clinical examination method of listening to sounds produced by organ movement using a stethoscope is called**

**Answer:** Auscultation

**3. Three dark stripes on their thorax is characteristic feature of**

**Answer:** Flesh fly

**4. Identify the false statement from the following statements**

**Answer:** Peptidoglycan is absent in Gram negative bacteria

**5. Which of the following is not a dermatophyte?**

**Answer:** *Trichosporon spp*

**6. The first line of cellular defense is**

**Answer:** Neutrophils

**7. Artificial respiration to newborn calves can be given by**

- Clearing the airway by removing the mucus
- Alternate compression and relaxation of the chest
- Placing the calf on its side

**Answer:** All of the above

**8. Which of the following is not true about the rectro-vaginal method of AI compared to speculum method?**

- less disturbance to animal
- chance of injury to genital tract will be less
- pregnancy can be ruled out before AI

**Answer:** All of the above

**9. The diluent used for frozen semen is**

**Answer:** tris-glycerol extender

**10. Colostrum**

- is rich in protein, minerals and vitamins
- contains large quantity of antibodies that protect the newborn
- has laxative effect

**Answer:** All of the above.

**11. TDN is calculated based on**

**Answer:** the energy provided by digestible carbohydrates, proteins, and 2.25 times the energy provided by digestible fat.

**12. Phagocytosis is**

**Answer:** a defense mechanism by which WBCs engulf and kill the pathogenic organisms

**13. Lactation tetany in mares is primarily caused by**

**Answer:** Hypocalcemia

**14. Digestive enzyme of pancreas is known as**

**Answer:** Zymogen

**15. The spermicidal factor present in fresh milk is**

**Answer:** Lactenin

**16. Pasteurization of milk is normally done to**

**Answer:** To improve the keeping quality of milk, Kill Harmful Microorganisms and Prevent milk-borne diseases

**17. The media used to culture Trichomonas is**

**Answer:** Diamond's media

**18. Holandric Genes are located on**

**Answer:** Y Chromosome

**19. The objectives of meat packaging is**

**Answer:** To prevent moisture loss

**20. One of the practices involved in HACCP is**

**Answer:** GMP

**21. In most cows the presence of very relaxed pelvic ligaments indicate that parturition will probably occur in**

**Answer:** 24 to 48 hours

**22. The funnel-shaped, dilated portion of the ureter within the kidney of horse is**

**Answer:** Renal pelvis

**23. In which part of the brain, the neural center for emetic mechanism is located?**

**Answer:** Medulla oblongata

**24. Which of the following is not the adenohypophysis hormone?**

**Answer:** ADH

**25. Fetal stomach content in charcoal medium is primarily collected to diagnose**

**Answer:** Brucellosis

**26. Collection of blood in abnormal cavity is called**

**Answer:** Haematoma

**27. Which one of the following leukocyte responses to glucocorticoids in cows is correct?**

**Answer:** Neutrophilia

**28. The cattle breed also locally known as Ajmera**

**Answer:** Gir

**29. Opacity of the eye lens in dogs is called**

**Answer:** Cataract

**30. The abnormal excessive growth of granulation tissue during wound healing is called as**

**Answer:** Proud flesh

**31. The artificially induced sleep resulting from moderate depression of the central nervous system is known as**

**Answer:** Narcosis

**32. The disease that causes enlargement of the wattles, lameness, and torticollis**

**Answer:** Pasteurellosis (Fowl Cholera)

**33. Low-milk-fat syndrome in cows primarily occurs due to**

**Answer:** Ruminal acidosis

**34. The external quality of egg is judged from its**

**Answer:** Shell thickness

**35. The best and more effective way to supplement iron and copper in newborn piglets to prevent anemia is**

**Answer:** Giving intramuscular injection of iron and copper to new born piglets

**36. A Buhner suture is a surgical technique applied for**

**Answer:** Vaginal prolapse in a cow

**37. Exostosis or new bone growth on the second phalanx of a horse is commonly known as**

**Answer:** Ringbone

**38. The Utrecht method is a surgical technique used to correct**

**Answer:** the displacement of the abomasum

**39. An important protozoal cause infertility of in dairy cows that results in Post service Pyometra, increased services per conception and abortions during the first trimester of gestation is**

**Answer:** Trichomoniasis

**40. The volume of urine formed is regulated by the rate of**

- (a) Glomerular filtration (b) Tubular reabsorption
- (b) Changes in glomerular blood pressure

**Answer:** All the above

**41. A collimator in an X-ray machine decides the**

**Answer:** Field of radiation

**42. Hyovertebrotomy is a surgical approach used in horses, specifically to access the**

**Answer:** Guttural pouch

**43. Currently recommended agent for inactivating the rabies virus in vaccine production**

**Answer:** Beta propiolactone (BPL)

**44. Pus is composed of**

- dead white blood cells (mainly neutrophils)
- necrotic tissue (dead cells)
- bacteria or other debris from the body's immune response to infection

**Answer:** All the above

**45. Which of the following is not the exogenous pigmentation?**

**Answer:** Byssinosis

**46. Ice-cream without hardening process is called**

**Answer:** Softy

**47. The milk most suitable for Khoa preparation is**

**Answer:** Buffalo milk

**48. A high speed of freezing meat tends to**

**Answer:** enhance tenderness

**49. Synthetic milk (adulterated product) is prepared with the addition of**

(a) Vegetable fat, (b) Urea (c) Detergent powder . **Answer:** All the above

**50. Which of the following is used to increased milk production and improved milk quality**

**Answer:** Beta casein

**51. The vitamin not synthesized by ruminants**

**Answer:** Vitamin A

**52. A malignant tumor arising from the bile duct epithelium is called**

**Answer:** Cholangiocellular carcinoma

**53. Hemorrhages in the skin of chickens are primarily associated with**

**Answer:** Avian Influenza (HPAI)

**54. Which of the following is/are correctly matched**

- *Clostridium perfringens* Type A - Necrotic enteritis
- *Clostridium perfringens* Type B - Lamb dysentery
- *Clostridium perfringens* Type C -Struck
- *Clostridium perfringens* Type D – Enterotoxaemia

**Answer:** All the above

**55. What is useful for Imaging of the direction and velocity of blood flow?**

**Answer:** Doppler technique

**56. The process that eliminates or destroys viable microorganisms is**

**Answer:** Sterilization

**57. The long whip-like appendages present in bacteria enabling locomotion are called**

**Answer:** Flagella

**58. Byssinosis is caused by the inhalation**

**Answer:** Cotton dust

**59. Red nose is caused by**

**Answer:** Infectious bovine rhinotracheitis

**60. Arthropods mediated transmission in which infectious agents transmitted from one development stage to another is called**

**Answer:** Transstadial

**61. Best quality mozzarella cheese is made from**

**Answer:** Buffalo milk

**62. Which of the following statements are true about ghee?**

- Ghee is a fat rich dairy product
- Ghee is prepared from cream (or) butter
- Granulation in ghee is due to the presence of palmitic and stearic acid

**Answer:** All the above

**63. From which animal's submucosa layer of the intestine, the suture catgut is prepared?**

**Answer:** Sheep

**64. The muscle examined for cysticercus bovis during postmortem inspection.**

**Answer:** Triceps brachii

**65. Dark firm dry meat normally occurs in**

**Answer:** Cattle

**66. Which of the following statement(s) are true with respect to sterilized milk?**

- Remarkable keeping quality
- Useful for feeding infants
- Possess 'rich' flavor

**Answer:** All the above

**67. In the electrocardiogram 'QRS' complex represents**

**Answer:** Ventricular Depolarization

**68. Lipolysis in the adipose tissue is stimulated by all the following hormones, except**

**Answer:** Insulin

**69. The hormone that stimulates mammary lobules areolar growth is**

**Answer:** Progesterone

**70. The term 'Blind Staggers' is associated with one of the following mineral toxicity**

**Answer:** Selenium

**71. Post-coital pyometra is noticed in**

**Answer:** Trichomoniasis

**72. Pulmonary emboli is an example for one of the following**

**Answer:** Cardiogenic shock

**73. The drug which is widely recognized as the most effective drug for stimulating the esophageal groove closure in ruminants. **Answer:** Copper sulphate**

**74. Pharmacokinetics refers to all except**

**Answer:** Mechanism of action

**75. Which of the following is correctly paired?**

- LD50- The amount of a drug given all at once, which causes the death of 50% of a group of test animals.
- LD50 - used as a general indicator of a substance's acute toxicity.
- Affinity - Tendency of a drug to combine with particular kind of receptor

**Answer:** All the above

**76. Which of the following is incorrectly paired?**

- ETT - Embryo Transfer Technology
- IVF - In Vitro Fertilization
- PRID - Progesterone Releasing Intra Vaginal Device.
- CIDR - Controlled Internal Drug Release Device.

**Answer:** All the above

**77. Prostaglandin F2a is the line of treatment for a case of false anoestrus when**

**Answer:** A mature corpus luteum is present

**78. In condition of ankylosis, atrophy and contraction of the neck muscles of fetus in mares is called. Answer:** Wryneck

**79. Which of the following is not correctly paired with its counterpart?**

- Posthitis – Prepuce
- Funiculitis - Spermatic cord
- Exostosis – Bone
- Hematocele - Tunica vaginalis

**Answer:** All the above

**80. In pox, inclusion bodies are found in the epithelial cells and are called**

**Answer:** Bollinger bodies

**81. The following chemicals are organochlorine compounds except**

**Answer:** Malathion

**82. In boars, the gel like consistency of seminal plasma is due to**

**Answer:** High sialomucin concentration of Cowper's gland secretion

**83. Winking of clitoris is a characteristic sign of estrus in**

**Answer:** Mare

**84. The Leydig cells are stimulated to secrete androgen by**

**Answer:** Luteinizing Hormone (LH)

**85. Caseation in tuberculosis is not observed in**

**Answer:** Birds

**86. Picrate paper test is used for the diagnosis of**

**Answer:** Cyanide poisoning

**87. Consider the following statements about aminoglycosides and choose the best answer**

**Answer:** Tendency to cause kidney damage

**88. Find the correct pair**

- Incised wounds – Swords
- Stab wounds – Nails
- Gunshot wounds - Fire arms

**Answer:** All the above

89. The prevention of cruelty to Animals Act, 1960 extends to the whole of India except the state of. **Answer:** Jammu and Kashmir

90. Wound caused by a bullet oval nail is known as

**Answer:** Perforation

91. Cholesterol content of chicken Egg Yolk is about

**Answer:** 226 mg

92. Ingestion of under cooked beef and pork can cause

**Answer:** Taeniasis

93. Animal welfare board of India was established during

**Answer:** 1962

94. Mischief is punishable under sections of any one of the following

**Answer:** 428 and 429 IPC

95. Which of the following city has Animal quarantine and certification station?

**Answer:** Chennai

96. The expenses incurred per unit of output is

**Answer:** Cost of production

97. Ascoli's test is performed to detect one of the following diseases

**Answer:** Anthrax

98. 'Saw horse posture' and 'prolapse of third eye lid' are associated with

**Answer:** Tetanus

99. A parasite whose egg, larval stage and adult can cause pathogenesis

**Answer:** *Schistosoma sp.*

100. The Iron content of Khoa exceeds \_\_\_\_ppm

**Answer:** 100

101. Which process is the first pre-requisite for sampling of milk?

**Answer:** Mixing

102. The gestation period of goats is

**Answer:** 148-156 days

103. Substances that have the ability to increase (or) modulate the intrinsic immunogenicity of an antigen are referred to as

**Answer:** Adjuvants

104. 'Hairy shaker disease' is caused by which virus

**Answer:** Pestivirus

105. The causative agent for 'lumpy jaw' in cattle is

**Answer:** *Actinomyces bovis*

106. In the economics of dairy farming, the investment on cattle and farm equipments are included in

**Answer:** Fixed investment

107. Cost of livestock insurance is accounted under component.

**Answer:** Fixed cost

108. Kangayam Cattle Research Station was established at

**Answer:** Erode

109. Gall bladder is absent in

(a) Pigeon (b) Deer (c) Horse

**Answer:** All the above

110. To determine both heat stability and pH of milk, the following platform test is conducted

**Answer:** Alcohol Alizarin test

111. Over working of butter leads to \_\_\_\_ defect

**Answer:** Greasy

112. Which of the following part of conducting system of the heart is known as "pace maker"?

**Answer:** Sinu-atrial node

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

**Answer:** Horse

114. Which of the following blood cell is otherwise named as thrombocytes?

**Answer:** Platelet

115. Act of matting in ewe is known as

**Answer:** Topping

116. Ketosis occurs when cattle have been fed with spoiled silage which contains excessive amount of butyric acid is called

**Answer:** Alimentary ketosis

117. The number of sternal and asternal ribs in ruminant are

**Answer:** 8 and 5 respectively

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

**Answer:** Basophil

119. Larvae of which of the following forms breathing hole on the skin ?

**Answer:** *Hypoderma bovis*

120. Carcass yield is known as

**Answer:** Dressing percentage

121. The ultrasonographic artifact that confirms presence of cystoliths in urinary bladder is

**Answer:** Acoustic shadowing

122. The toxin that causes trismus, spasms and rigidity in tetanus is

**Answer:** Tetanospasmin

123. The occurrence of parturient paresis in this species is usually before parturition and less commonly after parturition

**Answer:** Ovine

124. The smallest cranial nerve in the body is

**Answer:** Trochlear nerve

125. The condition characterized by multiple defects in the absorption of glucose, amino acids, calcium, phosphate, sodium, potassium, and water by the renal tubule is

**Answer:** Fanconi syndrome

126. The breed of swine considered to produce the highest quality bacon in the world is Landrace

127. Painful and slow urination, often associated with spasms and straining

**Answer:** Stranguria

128. Drug of choice for the treatment for cystic ovarian disease (COD) in dairy cows, regardless of whether the cysts are follicular or luteal

**Answer:** GnRH

129. Ruminal acetic acid is a primary precursor and energy source for \_\_\_\_ synthesis in ruminants

**Answer:** Milk fat

130. Chinchilla gigantea is breed of

**Answer:** Rabbit

131. The COFAL test is used for the diagnosis of

**Answer:** Avian leucosis complex

132. Toxovaxan vaccine against Toxoplasma gondii infection is available for

**Answer:** Sheep

133. The process of attachment of embryo to the uterine wall is

**Answer:** Implantation

134. Bowman's corpuscles are found in

**Answer:** Kidney

135. When a vaccine is given orally, which is the type of immunoglobulin generated in the largest quantity

**Answer:** IgA

136. Demodectic mange can be controlled by

**Answer:** Ivermectin

137. The first limiting amino acid in a maize-soybean based diet for layer chickens is

**Answer:** Methionine

138. Which of the following is not a phospholipid?

**Answer:** Ceramide

139. Potency of inhalant anesthetics is expressed as

**Answer:** MAC

140. Etiological agent of bar bone disease

**Answer:** *Pasteurella multocida*

141. The fungal agent found abundantly in pigeon droppings

**Answer:** *Cryptococcus neoformans*

142. Veterinary council of India was established by the Indian Veterinary Council Act in the year

**Answer:** 1984

143. The characteristic "bitter almond" smell observed in an animal's breath and during necropsy after opening the rumen is a strong indicator of \_\_\_\_ poisoning

**Answer:** Cyanide

144. Fremitus (a "buzzing" or vibrating sensation felt in the uterine artery) in cows, is generally first detected around

**Answer:** 80-120 days of pregnancy

145. Acronym MOET stands for

**Answer:** Multiple Ovulation Embryo Transfer

146. The corpus luteum, a temporary endocrine gland, primarily produces

**Answer:** Progesterone

147. The primary function of the guttural pouches in horses is

**Answer:** Brain cooling

148. In India, committee which fix the price of egg is

**Answer:** NECC



**149. For treating cestode infections in dogs, the drug of choice is**

**Answer:** Praziquante

**150. The primary immunoglobulin in cow colostrum which is important for passive immunity transfer to calves**

**Answer:** Ig G

**151. Office International des Epizooties (OIE) founded in 1924, adopted the common name in May 2003**

**Answer:** The World Organisation for Animal Health (WOAH)

**152. In which year the first veterinary and animal sciences university in Asia TANUVAS was established by Tamilnadu Govt?**

**Answer:** 1989

**153. Use of topical corticosteroids is contra-indicated in the treatment of**

**Answer:** Corneal ulcer

**154. Bacillary white diarrhea in poultry is caused by**

**Answer:** *Salmonella pullorum*

**155. Ruminants in farm require cobalt in their feed for the synthesis of vitamin**

**Answer:** B12

**156. Succulent, fermented, preserved green fodder is called as**

**Answer:**

**157. Lactic acidosis in cows & buffaloes is caused by**

**Answer:** Accidental ingestion of excessive cereal grains

**158. Preferred incision site for castration in dog**

**Answer:** Midline prescrotal

**159. Radiological sign of non-union of fracture is**

**Answer:** Rounding of fracture ends with large radiolucent line

**160. Milk and Milk products order (MMPO) was promulgated by Government of India in the year**

**Answer:** 1992

**161. Post parturient hemoglobinuria is associated with**

**Answer:** Hypophosphataemia

**162. Gossypol is an ANF present in**

**Answer:** Cotton seed cake

**163. Mutations that do not bring about visible changes in the phenotype are called**

**Answer:** Silent mutation

**164. Orf is also referred to as**

- Scabby mouth
- Sore mouth
- Contagious ecthyma

**Answer:** All of the above

**165. Glans clitoridis is more prominent in**

Mare

**166. The following drugs are effective against cestodes, except**

**Answer:** Ivermectin

**167. Lantana camara contains lantadenes which is primarily a**

**Answer:** Hepatotoxic

**168. Which of the following is an antiviral drug**

**Answer:** Acyclovir

**169. Inability to copulate is**

**Answer:** Impotentia Coeundi

**170. Hypo osmotic swelling test (HOST) evaluate**

**Answer:** Sperm wall integrity

**171. Drug which inhibits prolactin secretion**

**Answer:** Bromocriptine

**172. Pituitary gland is also termed as**

- (a) Hypophysis
- (b) Master gland of the endocrine system

**Answer:** both (a) and (b)

**173. Tumour arising from bone and periosteum at the alveolar border/mucosa in oral cavity**

**Answer:** Odontoma

**174. Tuberculin Skin Test is a**

**Answer:** Type IV hypersensitivity skin reaction

**175. Antidote for cyanide poisoning is**

**Answer:** Sodium thiosulphate

**176. Ortolani's sign is observed in**

**Answer:** hip dysplasia

**177. In radiation safety reduction of radiation exposure is achieved by**

- Increasing the distance of the individual from radiation source
- Reducing the duration of exposure
- Use of protective barriers between individual and radiation source

**Answer:** All of the above

**178. Traits like egg size & egg weight in poultry are**

**Answer:** Positively correlated

**179. The common coccidiostat used in the broiler feed is**

**Answer:** Amprolium

**180. Pelt burn is occasionally seen in the electrically stunned**

**Answer:** Sheep

**181. The institute which produced first cloned buffalo calf in the world is**

**Answer:** NDRI

**182. The gradient in a ramp for loading animals should be less than**

**Answer:** 20°

**183. Bottle brush appearance in gelatin stab culture is characteristic of the disease**

**Answer:** *Erysipelothrix rhusiopathiae*

**184. The reservoir for cowpox is**

**Answer:** Rodents

**185. Star gazing, or the posture of lifting the head and neck to gaze upwards, is primarily observed in**

**Answer:** Polioencephalomalacia

**186. Inflammation of**

**Answer:** Typhlitis

**187. The main sugar in bovine seminal plasma is**

**Answer:** Fructose

**188. Digital manipulation is the preferred method for semen collection in**

**Answer:** Boar and dogs

**189. The most effective treatment for a fresh case of cherry eye in dogs is**

**Answer:** Repositioning of the prolapsed gland

**190. In camel the position of sigmoid flexure is**

**Answer:** Pre scrotal

**191. Blood smear for protozoa are fixed by**

**Answer:** Methyl alcohol

**192. Virions are**

**Answer:** Arena virus

**193. Based on the structures that interpose between the maternal and foetal blood, the endotheliochorial type of placenta is found in**

**Answer:** Dog

**194. Which of the following cells become more prevalent in circulating blood after a prolonged period of erythropoietin secretion**

**Answer:** Reticulocyte

**195. As per the National Livestock Policy, (2013) a maximum level of exotic germ plasm encouraged in crossing of pigs would be**

**Answer:** 50%

**196. Large white Yorkshire is originated from**

**Answer:** England

**197. Mating of  $F_1$  to Homozygous recessive parent is called as**

**Answer:** Test crossing

**198. A tubular inflammatory tract open at both ends connecting two surfaces covered by epithelium (or) mesothelium.**

**Answer:** Fistula

**199. Shuttle programme is associated with treatment and control of**

**Answer:** Coccidiosis

**200. Inflammation of the crop in birds**

**Answer:** Ingluvitis