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TPSC Vet Officer

**Previous Year Paper
(General Studies)
04 Feb, 2024**



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DO NOT OPEN THIS TEST BOOKLET TILL YOU ARE ASKED TO DO SO.

TR/VETI/GS/2024

Test Booklet Series

**TEST BOOKLET
GENERAL STUDIES**

B

(Signature of the Candidate)

(Invigilator's Signature)

Time Allowed – 3 hours (Three hours)

Maximum Marks – 170

INSTRUCTIONS

1. PLEASE CHECK. THE TEST BOOKLET DOES NOT HAVE ANY UNPRINTED OR TORN OR MISSING PAGES OR ITEMS ETC. IF SO, GET IT REPLACED BY A COMPLETE TEST BOOKLET.
2. **ENCODE CLEARLY THE TEST BOOKLET SERIES A,B,C OR D AS THE CASE MAY BE IN THE APPROPRIATE PLACE IN THE ANSWER SHEET BY BLACK BALL POINT PEN ONLY.**
3. This Test Booklet contains 170 items (questions). Each question has four responses (answers). You will select the responses which you want to make on the Answer Sheet. In case you feel that there is more than one correct response, mark the response which you consider the most appropriate. In any case, choose **ONLY ONE** response for each item.
4. You have to mark all your responses **ONLY** on the separate Answer Sheet provided. See directions in the Answer Sheet.
5. All items carry equal marks.
6. Before you proceed to mark in the Answer Sheet the responses to various items in the Test Booklet, you have to fill in some particulars in the Answer Sheet as per instruction sent to you with your Admission Certificate.
7. After you have completed filling in responses on the Answer sheet and the Examination is completed, you should handover the Answer Sheet to the Invigilator only. You are permitted to take away the Test Booklet.
8. Sheets for rough work are appended on the Test Booklet at the end.
9. **Penalty for wrong answers :**
 - (a) There will be four alternatives for the answer to every question. For each question for which a wrong answer has been given by the candidate, **one-fourth** of the marks assigned to that question will be deducted as penalty.
 - (b) If a candidate gives more than one answer, it will be treated as a **Wrong Answer** even if one of the given answers happens to be correct and there will be same penalty as above to that question.
 - (c) If a question is left blank, i.e., no answer is given by the candidate, there will be **no penalty** for that question.

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Four options are given against each of the following questions. Select the best/correct option from among the four options and encode in the Answer Sheet by using **Black Ball Point Pen** only as per example given below :

Example : The capital of India is

- (A) Delhi
- (B) New Delhi
- (C) Indraprastha
- (D) None of these

PART - A

Select the appropriate preposition to fill in the blanks in the following sentences :

1. Last year my friend lived _____ Sonipat for 6 months.

- (A) in
- (B) at
- (C) an
- (D) over

2. A person who is filled _____ wonder, opens his eyes very wide.

- (A) by
- (B) on
- (C) in
- (D) at

Select the appropriate article to fill in the blanks in the following sentences :

3. He is a greater statesman than _____ administrator.

- (A) an
- (B) the
- (C) a
- (D) of

4. One can see heaven and hell only in _____ religious books.

- (A) a (B) of
(C) the (D) an

Choose the correct synonym (most nearest meaning) :

5. Climate

- (A) baroscopic (B) unskilled
(C) talented (D) artistic

Choose the correct antonym (most opposite meaning) :

6. Productive

- (A) polite (B) barren
(C) uncivilized (D) rational

Replace the underlined common phrases with the correct option :

7. It is hard to see into his motive.

- (A) detect (B) discern
(C) annulled (D) charge

8. He always runs down his rivals.

- (A) disparages (B) squanders
(C) enhances (D) assumes

Choose the correct sentence from the option given below :

9. (A) When she parted with her parents there were tears in her eyes.
(B) There were tears in her eyes when she parted with her parents.
(C) In her eyes when she parted with her partes there were tears.
(D) When she parted from her parents there were tears in her eyes.
10. (A) The police would not allow anyone to enter into the hall.
(B) To enter into the hall the police would not allow anyone.
(C) The police would allow not anyone to enter into the hall.
(D) Into the hall the police would not allow anyone to enter.
11. India has the longest land frontier with
(A) China (B) Pakistan
(C) Nepal (D) Bangladesh
12. Who first initiated administrative reforms in Princely regime of Tripura ?
(A) Maharaja Birendra Kishore Manikya
(B) Maharaja Birchandra Manikya
(C) Maharaja Radhakishore Manikya
(D) Maharaja Bir Bikram Manikya
13. "Maimita" a folk tribal dance of Tripura is related to
(A) Harvesting festival (B) Driving insects from paddy field
(C) Hunting of deer (D) Coronation of Community Chief

14. Which Institution organises "Tech Conclave" every year, focused on emerging technologies applicable in e-Governance ?
- (A) NITI Aayog (B) National Information Centre
(C) NASSCOM (D) None of these
15. Which among the following is not a tributary of Brahmaputra ?
- (A) Tons (B) Siang
(C) Teesta (D) Manas
16. The distance between two wave lengths is measured by which Unit ?
- (A) Meter (B) Hertz
(C) Decibel (D) Candela
17. Which country won the Men's Hockey World Cup 2023 in Bhubaneswar ?
- (A) Belgium (B) France
(C) Australia (D) Germany
18. Which of the following countries comprises the QUAD ?
- (i) USA, (ii) Australia, (iii) Russia, (iv) China, (v) Japan, (vi) India
- Select the correct answer using the code given below :
- (A) (i), (iii), (iv) and (vi) (B) (ii), (iii), (iv) and (v)
(C) (i), (ii), (iv) and (v) (D) (i), (ii), (v) and (vi)
- 5/TR/VETI/GS/2024/B-75 (6)

19. In which year Tripura Tribal Areas Autonomous District Council (ADC) was constituted ?

(A) 1976

(B) 1981

(C) 1982

(D) 1985

20. Which Article of the Indian Constitution deals with provision for Uniform Civil Code ?

(A) Article 40

(B) Article 42

(C) Article 43

(D) Article 44

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PART - B

21. Barberio's test is usually done to detect
- (A) Blood stain (B) Faecal stain
(C) Sperm stain (D) Bile stain
22. Prolonged recumbency results in ischemic muscle necrosis and marked increases in the
- (A) Serum creatine phosphokinase (B) Serum hyaluronidase
(C) Serum lipase (D) Serum catalase
23. Gestation period of sheep is
- (A) 155 days (B) 145 days
(C) 160 days (D) 115 days
24. Engagement of forehead of fetus against maternal pelvis during handling of dystocia is known as
- (A) Vertex (B) Nape
(C) Breech presentation (D) Dog sitting posture
25. Site of posterior epidural anaesthesia in mares is
- (A) Lumb-sacral (B) First intercoccygeal
(C) Sacro-coccygeal (D) None of these
26. Irreversible degeneration of seminiferous tubules in bulls is caused by
- (A) Deficiency of Vitamin A (B) Deficiency of Vitamin C
(C) Deficiency of Vitamin Zinc (D) Excess of Vitamin A

27. Second stage of labor on buffalo is of
- (A) 0.5-1 hour (B) 1.5-2 hour
(C) 0.2-0.5 hour (D) 1-1.5 hour
28. The ampullae of the ducts deferentia is absent in which of the following animals ?
- (A) Stallion (B) Bull
(C) Ram (D) Boar
29. The ovary of bird is usually
- (A) on the right side (B) on the left side
(C) on both the sides (D) on midline
30. Most domestic animals have how many pair(s) of salivary glands ?
- (A) 1 (B) 2
(C) 3 (D) 4
31. Liver cannot utilize ketone bodies because it lacks the enzyme
- (A) Thiokinase (B) β -keto thiolase
(C) Thiophorase (D) Thioesterase
32. Seminal quality is checked by evaluating all of the following factors except
- (A) Volume of semen
(B) Concentration of spermatozoa
(C) Percentage and rate of sperm motility
(D) Size of spermatozoa

33. Carbon dioxide is transported in blood primarily as
- (A) Dissolved and hydrated carbon dioxide
 - (B) Carbaminohemoglobin
 - (C) Bicarbonate
 - (D) Carboxyhemoglobin
34. Pradhan Mantri Kaushal Vikas Yojana (PMKVY) was launched in the year
- (A) 2000
 - (B) 2016
 - (C) 2010
 - (D) 2019
35. National Animal Disease Control Programme (NADCP) was launched with the objective of
- (A) Eradicating FMD and Brucellosis
 - (B) Eradicating all livestock diseases
 - (C) Eradicating FMD
 - (D) Eradicating TB
36. When fat content of ruminant ration is increased beyond 10%, then it would lead to
- (A) increase fiber digestion
 - (B) increase protein digestion
 - (C) decrease fiber digestion
 - (D) decrease protein digestion
37. The ratio of VFAs (Acetate : Propionate : Butyrate) production in the rumen is
- (A) 50 : 30 : 15
 - (B) 65 : 20 : 10
 - (C) 65 : 10 : 20
 - (D) 40 : 35 : 20

38. Best crop for hay and silage making are respectively
- (A) OAT and Maize (B) Maize and OAT
(C) Maize and Jowar (D) Sorghum and Alfalfa
39. The test cross is a cross between heterozygous and
- (A) Homozygous dominant (B) Homozygous recessive
(C) Any of the parent (D) None of these
40. The measure of animals expected progeny performance in relation to population mean is called
- (A) Heritability (B) Repeatability
(C) Breeding value (D) Genetic correlation
41. Which of the hormone causes Oviposition (egg laying) in birds ?
- (A) Oxytocin (B) Vasotocin
(C) Prolactin (D) Estrogen
42. Creep feeding of swine should be started at the age of
- (A) 7-10 days (B) 2-3 days
(C) 21-24 days (D) 30 days
43. In Co-operative, better farming type of ownership is _____ and type operationship is _____.
- (A) Individual and Collective (B) Individual and Individual
(C) Collective and Collective (D) Individual and Society

44. World Veterinary Day is celebrated every year on
- (A) Last Friday of April (B) Last Saturday of April
(C) Last Friday of May (D) Last Saturday of May
45. Recommended floor space requirement of layer in cage is
- (A) 0.75 square feet (B) 2 square feet
(C) 1.5 square feet (D) 3 square feet
46. Karakul breed of sheep is a
- (A) Fine wool breed (B) Fur breed
(C) Mutton breed (D) Milk breed
47. The Vrindavani cattle developed at ICAR-IVRI Izatnagar is a cross between
- (A) Exotics (HF / Jersey / Brown Swiss) with native Sahiwal breed
(B) Exotics (HF / Jersey / Brown Swiss) with native Tharparkar breed
(C) Exotics (HF / Jersey / Brown Swiss) with native Haryana breed
(D) Exotics (HF / Jersey / Brown Swiss) with native Gir breed
48. Gestation period in mares is about
- (A) 280 days (B) 310 days
(C) 340 days (D) 370 days
49. Flash Pasteurization is another name for
- (A) HTST (B) LTST
(C) Vacuum pasteurization (D) Ultra pasteurization

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50. Food Safety and Standards Act came into existence in
- (A) 2004 (B) 2006
(C) 2008 (D) 2011
51. Washing treatment of wool with detergent for removal of impurities is called as
- (A) Scouring (B) Skirting
(C) Carbonization (D) Cleaning
52. National Research Center on meat is situated at
- (A) Mumbai (B) Kolkata
(C) Hyderabad (D) Delhi
53. Tyzzer's disease is caused by
- (A) Bacillus piliformis (B) Bacillus subtilis
(C) Chlamydia psittaci (D) Chlamydia trachomatis
54. An acute, high fatal septicemic disease of cattle characterized by fever, icterus, hemoglobin in the urine and infarction of the liver is most likely
- (A) blackleg (B) malignant edema
(C) bacillary dysentery (D) bacillary hemoglobinuria
55. "Hump sore" in cattle is caused by
- (A) Habronema sp (B) Stephanofilaria sp
(C) Draschia sp (D) Oxyuris sp

56. Milk spots in the liver of swine is caused by
- (A) *Ascaris suum*
 - (B) *Stephanurus dentatus*
 - (C) *Macrocanthorhynchus hirudinaceus*
 - (D) *Metastrongylus elongates*
57. In metazooses no. of host requirement is / are
- (A) 1
 - (B) 2
 - (C) 3
 - (D) 4
58. Which is not a zoonotic disease ?
- (A) Cow pox
 - (B) Pseudo cow pox
 - (C) Sheep pox
 - (D) Monkey pox
59. An indicator organism for efficient pasteurization is
- (A) *Salmonella typhi*
 - (B) *Clostridium perfringens*
 - (C) *Listeria monocytogenes*
 - (D) *Coxiella burnetii*
60. Adulteration of milk with water can be detected by
- (A) Specific gravity
 - (B) Freezing point
 - (C) Nitrates
 - (D) All of these
61. Cobra venom is relatively rich in
- (A) phospholipase
 - (B) pseudocholinesterase
 - (C) acetylcholinesterase
 - (D) thrombin like enzymes

62. Malta fever is caused by
- (A) Brucella
 - (B) Rickettsia
 - (C) Borrelia
 - (D) Leptospira
63. Big liver disease in poultry is caused in
- (A) Infectious Laryngotracheitis
 - (B) Avian leucosis complex
 - (C) Marek's Disease
 - (D) New castle Disease
64. Autoclaving of surgical instruments are carried out under
- (A) 121° C, 15lbs pressure for 15 mts
 - (B) 350° C, 15lbs pressure for 15 mts
 - (C) 150° C, 15lbs pressure for 30 mts
 - (D) 121° C, 15lbs pressure for 60 mts
65. Arrange the following according to the suture holding power of tissue
- (A) Tendon > Skin > Muscle > Fat
 - (B) Fat > Tendon > Muscle > Skin
 - (C) Muscle > Fat > Tendon > Skin
 - (D) Fat > Muscle > Tendon > Skin
66. A vial having 6ml of 5% Thiopental sodium will contain _____ mg of thiopental sodium.
- (A) 50 mg
 - (B) 300 mg
 - (C) 3000 mg
 - (D) 600 mg

67. The most common cause of urolithiasis in canines is
- (A) Weddelite uroliths (B) Xanthin uroliths
(C) Hydroxyapatite (D) Struvite uroliths
68. Which of the following disease causes Moon blindness in horse ?
- (A) Leptospirosis (B) Brucellosis
(C) Equine infectious anaemia (D) Babesiosis
69. Synchronization of estrus in the cow is accomplished by an injection of PGF-2-alpha, followed by a second injection of PGF-2-alpha after how many days ?
- (A) Three days (B) Seven days
(C) Eleven days (D) Twenty one days
70. Two species in which ejaculation usually occurs into the uterus rather than vagina are
- (A) Dog, Cat (B) Cow, Sheep
(C) Cow, Pig (D) Pig, Horse
71. Artificial insemination of a cow should be done
- (A) at the beginning of estrus
(B) towards the end of estrus
(C) 12-15 hours after the end of estrus
(D) 3 days after estrus

72. Holding up of the milk is due to
- (A) Estradiol (B) Oxytocin
(C) Prolactin (D) Epinephrine
73. Which of the following hormone is chemically tri-peptide in nature ?
- (A) TRH (B) GnRH
(C) GRH (D) CRH
74. Ram castrated after service is
- (A) Wedder (B) Seggy
(C) Rullish (D) Sheepish
75. In a well-managed dairy farm, calving rate should be
- (A) >15% (B) >75%
(C) >60% (D) >50%
76. Gestation period of Yak is
- (A) 7 months (B) 11 months
(C) 13 months (D) 9 months
77. A female sheep which is between first and second shearing is
- (A) Gimmer (B) Seggy
(C) Crone (D) Broken mouth

78. Change in full set of chromosome number is termed as

- (A) Aneuploidy (B) Euploidy
(C) Polysomy (D) Nullisomy

79. A trait in which mass selection cannot be practiced is

- (A) Egg production in hen (B) Milk protein% in cow
(C) Wool quality in ram (D) Dressing % at 56 days in pig

80. Grass tetany in Horse is caused by deficiency of

- (A) Mg (B) Mn
(C) Ca (D) Zinc

81. Casein constitutes _____ % of total milk protein ?

- (A) 50 (B) 80
(C) 99 (D) 90

82. Which of the following is used as a steroidal anaesthetic ?

- (A) Diazepam (B) Phenobarbitone
(C) Althesin (D) Ketamine

83. Naloxone is

- (A) Opioid antagonist (B) Local anaesthetic
(C) CNS depressant (D) Pain killer

84. Mercury is deposited mainly in
- (A) Skin
 - (B) Lung
 - (C) Kidney
 - (D) Spleen
85. Dark chocolate colour of mucous membrane indicates
- (A) Nitrite poisoning
 - (B) Cyanide poisoning
 - (C) NaCl poisoning
 - (D) Cadmium poisoning
86. Which of the following is natural cholinergic alkaloid ?
- (A) Butoxamine
 - (B) Physostigmine
 - (C) Arecholine
 - (D) Pyridostigmine
87. Vibriosis in a herd can best be diagnosed by
- (A) Serum agglutination test
 - (B) Milk ring test
 - (C) Vaginal mucus agglutination test
 - (D) Rose Bengal plate test
88. The drug of choice for the treatment of babesiosis in buffalo is
- (A) Oxytetracycline
 - (B) Imidocarb dipropionate
 - (C) Doramectin
 - (D) Metronidazole
89. The bio-availability of drug is 100%, if it is injected through _____ route.
- (A) Intramuscular
 - (B) Intravenous
 - (C) Subcutaneous
 - (D) Oral

90. Drug of choice for canine and feline toxoplasmosis is
- (A) Oxytetracycline (B) Lincomycin
(C) Clindamycin (D) Tylosin
91. Glander's and Farcy Act in India was implemented in the year
- (A) 1889 (B) 1899
(C) 1988 (D) 1999
92. Surgical enlargement of hernial ring is known as
- (A) Herniorraphy (B) Hernioplasty
(C) Kelotomy (D) Incarceration
93. The temperature of liquid nitrogen, being used for semen freezing is
- (A) -79°C (B) -196°C
(C) -216°C (D) -260°C
94. The 'Dag defect' means
- (A) Sperms have strongly coiled tails
(B) Sperms have vacuolated heads
(C) Sperms have no acrosome
(D) Sperms have thin mid piece
95. Yellow grease-colored faeces in dogs is indicative of
- (A) Dipylidiosis (B) Hookworm
(C) Coccidia (D) Giardiosis

96. Buffaloes can convert β carotene into
- (A) Vitamin D
 - (B) Vitamin A
 - (C) Vitamin E
 - (D) Vitamin C
97. Number of pair(s) of incisors present in 2-year-old goat are
- (A) 2
 - (B) 4
 - (C) 3
 - (D) 1
98. The drug of choice for the induction of parturition in mare is
- (A) Prostaglandin
 - (B) Estradiol
 - (C) Oxytocin
 - (D) Cortisol
99. A cow, after parturition, cannot stand up and make a movement. She sits on her haunches. What is the nerve which could have been injured while parturition?
- (A) Pudendal nerve
 - (B) Obturator nerve
 - (C) Femoral nerve
 - (D) Cranial gluteal nerve
100. Opioid used for capturing wild animals is
- (A) Buprenorphine
 - (B) Fentanyl
 - (C) Etorphine
 - (D) Butorphanol
101. Verminous pneumonia occurs due to
- (A) Viral infection
 - (B) Bacterial infection
 - (C) Parasitic infection
 - (D) Fungal infection

102. The maximum permissible moisture in butter is
- (A) 40% (B) 30%
(C) 20% (D) 16%
103. Black head disease in turkeys is caused by
- (A) *Histomonas meleagridis* (B) *Hexamita meleagridis*
(C) *Trichomonas gallinae* (D) *Heterakis gallinarum*
104. Which of the following slows the protein breakdown in rumen ?
- (A) Tannins (B) Saponins
(C) Gossypol (D) Glucosinolates
105. A young nondescript dog met with an accident and presents with what appears to be a "popped" out eye. The correct ophthalmologic term is
- (A) Enophthalmous (B) Buphthalmus
(C) Proptosis (D) Hyphema
106. Cats are more prone to paracetamol toxicity because
- (A) due to deficiency of glucuronide transferase
(B) high protein binding of drug
(C) inhibition of COX
(D) it effects kidney function

107. Mule is an example of

- (A) Cross-breeding
- (B) Species hybridization
- (C) Criss-crossing
- (D) Grading up

108. Optimum size of hatching egg in chicken is

- (A) 40-45 g
- (B) 50-55 g
- (C) 65-70 g
- (D) 80-85 g

109. Cranial nerves : Trochlear, Vestibulocochlear and facial are

- (A) Sensory, motor and mixed, respectively
- (B) Sensory, mixed and motor, respectively
- (C) Motor, sensory and mixed, respectively
- (D) Motor, mixed and sensory, respectively

110. TDN (g / kg metabolic body size) requirement of goat is

- (A) 26
- (B) 30
- (C) 14
- (D) 72

111. Number of bones present in the skeleton of an ox are

- (A) 207
- (B) 271
- (C) 168
- (D) 210

112. Which of the muscle is not a part of mastication ?

- (A) Masseter
- (B) Temporalis
- (C) Malaris
- (D) Diaphragmaticus

113. The gall bladder is absent in

- (A) Sheep
- (B) Cow
- (C) Dog
- (D) Horse

114. The number of carpal bones present in the dog in each limb are

- (A) 4
- (B) 5
- (C) 6
- (D) 7

115. Sweat gland is absent in

- (A) Horse
- (B) Dog
- (C) Goat
- (D) Cattle

116. pH of saliva of cattle is

- (A) 2-3
- (B) 5.5-6
- (C) 8.1-8.5
- (D) 9.2-10.1

117. Water regulation hormone is

- (A) STH
- (B) ACTH
- (C) LH
- (D) ADH

118. The percentage of glomerular filtrate reabsorbed from the proximal tubule is

- (A) 15%
- (B) 10%
- (C) 65%
- (D) 80%

119. The shape of RBC of Sheep is

- (A) Biconcave
- (B) Flat
- (C) Shallow
- (D) Elliptical

120. National Institute for Agricultural Extension Management is located at

- (A) Anand
- (B) New Delhi
- (C) Hyderabad
- (D) Bangalore

121. Name of the mobile app launched by NDDDB which helps to calculate to different feeds added in appropriate proportions for balanced diet is

- (A) Chara-Vigyan
- (B) Santulan
- (C) Pashu Poshan
- (D) Pashu Palan Poshan

122. Chegu breed of goat is known for

- (A) Pashmina
- (B) Angora
- (C) Mohair
- (D) None of these

123. Ideal dry period in cross-breed cattle is

- (A) 30 days
- (B) 45 days
- (C) 60 days
- (D) 75 days

124. Best breed of layer is

- (A) Leghorn
- (B) Sussex
- (C) Brahma
- (D) None of these

125. The best age (weeks) of castration in cattle is

- (A) 11-14 (B) 16-18
(C) 8-10 (D) 14-16

126. Home tract of Nilli-Ravi is

- (A) Rajasthan (B) Gujarat
(C) Punjab (D) Maharastra

127. Total milk production recorded in the State of Tripura for the year 2018-19 is

- (A) 183510 tons (B) 280510 tons
(C) 083150 tons (D) None of these

128. Pleiotropic gene has

- (A) Multiple genotype (B) Multiple phenotype
(C) Multiple allelism (D) Single phenotype

129. Theory of epigenesis was given by

- (A) Darwin (B) Wolf
(C) Mendel (D) Bonnet

130. Mating system, where it is desired to increase relationship with chosen superior ancestor

- (A) Line crossing (B) Line breeding
(C) Out crossing (D) Out breeding

131. Essential amino acid of poultry is

- (A) Leucine
- (B) Glycine
- (C) Isoleucine
- (D) Tryptophan

132. Stringy or steely wool in sheep results from deficiency of

- (A) Cobalt
- (B) Manganese
- (C) Copper
- (D) Iron

133. Urea can be fed as source of nitrogen to which animal ?

- (A) Pig
- (B) Poultry
- (C) Young calf
- (D) Cow

134. Grit is used as food in

- (A) Poultry
- (B) Dairy cow
- (C) Horse
- (D) Swine

135. The most important factor in formulating a ration for livestock is

- (A) Feed cost
- (B) Total digestive nutrients
- (C) Size of the animal
- (D) Availability of food

136. Which buffalo breed have highest milk fat percentage ?

- (A) Nilliravi
- (B) Murrah
- (C) Mehsana
- (D) Bhadwari

137. The fat percentage of toned milk is

- (A) 1.5% (B) 3.0%
(C) 5.0% (D) None of these

138. Dressing per cent of broiler is

- (A) 60-65% (B) 70-75%
(C) 80-85% (D) 50-60%

139. Bacterial spoilage in chilled meat is due to following bacterial group

- (A) Psychrophilic (B) Mesophilic
(C) Thermophilic (D) Microaerophilic

140. The following oil is used as coating material preservation of eggs

- (A) Mineral oil (B) Neem oil
(C) Coconut oil (D) None of these

141. Mc-Fadyean reaction is used for confirmation of

- (A) *Bacillus cereus* (B) *Bacillus anthracis*
(C) *Clostridium tetani* (D) *Clostridium botulinum*

142. Which of the following diseases is tested with a Coggins test ?

- (A) Equine herpes virus (B) Equine Infectious Anemia
(C) Equine encephalomyelitis (D) Tetanus

143. Lumpy skin disease is caused by
- (A) Capripox virus
 - (B) Morbilli virus
 - (C) Cowpox virus
 - (D) Bovine Herpes virus-1
144. Erythritol is required for the pathogenesis of
- (A) *Mycobacterium tuberculosis*
 - (B) *Campylobacter foetus*
 - (C) *Brucella abortus*
 - (D) *Bacillus anthracis*
145. African Swine fever, as emerging disease is caused by
- (A) Swine Adenovirus
 - (B) Ephemeral fever virus
 - (C) Asfivirus
 - (D) Swine Influenza virus
146. Pasteurization of milk by high temperature, short time method is carried out at
- (A) 60-65°C for 30 minutes
 - (B) 60-70°C for 15 minutes
 - (C) 71-72°C for 15 seconds
 - (D) 73-75°C for 20 seconds
147. The oncogenic food borne viruses are
- (A) Bovine leukosis virus
 - (B) Avian leukosis virus
 - (C) Wuhan virus
 - (D) Rota virus
148. Topically used sulfonamide for ophthalmic infections is
- (A) Sulfadiazine
 - (B) Sulphathiazole
 - (C) Sulphacetamide
 - (D) Sulphapyridine

149. Nitrofurantoin is most active when the pH of urinary tract is

- (A) Neutral (B) Over 9.5
(C) Between 6-7 (D) 5.5 or less

150. Bitter almond smell of the gastrointestinal contents is observed in

- (A) Phosphorous poisoning (B) Selenium poisoning
(C) Cyanide poisoning (D) Mercury poisoning

151. The drug preferred in the management of low cardiac output shock is

- (A) Isoprenaline (B) Adrenaline
(C) Nor adrenaline (D) Dobutamine

152. The antiseptic with antifungal action is

- (A) Benzoyl peroxide (B) Povidone iodine
(C) Cetrinide (D) Potassium permanganate

153. Following is an oral antifungal agent

- (A) Desenex (B) Undecylenic acid
(C) Griseofulvin (D) Soproinol

154. Transplacental transmission is exhibited by

- (A) *Trypanosoma evansi* (B) *Ancylostoma caninum*
(C) *Fasciola gigantica* (D) *Taenia solium*

155. Piperazine compounds are effective against

- (A) Tape worms (B) Ascarids
(C) Protozoans (D) Ticks

156. Site of predilection for *Dirofilaria repens* in dogs and cats is

- (A) Subcutaneous tissue (B) Right ventricle
(C) Aorta (D) Liver

157. Enterotoxemia is commonly found in

- (A) Sheep and goats (B) Poultry
(C) Rabbits (D) Pigs

158. Discoloration of the skin with bilirubin occurs only when level rises in the serum plasma above

- (A) 1 mg / dl (B) 0.5 mg / dl
(C) 5 mg / dl (D) 2 mg / dl

159. Mixed population of mature and immature lymphocytes are seen in blood in

- (A) Marek's disease (B) Avian leucosis
(C) Fowl typhoid (D) Hypovitaminosis-A

160. Which disease is identified by the common name "Diamond skin disease" ?

- (A) Swine fever (B) Swine pox
(C) Swine Erysipelas (D) African swine fever

161. The tumor of epithelial cells is known as

- (A) Carcinoma
- (B) Sarcoma
- (C) Lipoma
- (D) Leukemia

162. Aflatoxicosis is a serious disease in

- (A) Cattle
- (B) Poultry
- (C) Dogs
- (D) Human

163. Dose of ketamine recommended for anesthesia in dogs is

- (A) 8 to 15 mg / kg B.W
- (B) 0.5 mg / kg B.W
- (C) 0.05 to 0.11 mg / kg B.W
- (D) 1 mg / kg B.W

164. Preferred incision for castration in dog is

- (A) Midline postscrotal
- (B) Midline prescrotal
- (C) Scrotal ablation
- (D) Ischial incision

165. Suture size used for closure of skin in cow is

- (A) No. 2
- (B) No. 3-0
- (C) No. 1-0
- (D) No. 2-0

166. Rotation of third phalanx is a radiological sign of

- (A) Quittor
- (B) Side bone
- (C) Chronic laminitis
- (D) Navicular disease



167. Which of the following is most effective drug for disseminated histoplasmosis in dogs and cats ?

- (A) Greseofulvin
- (B) Itraconazole
- (C) Rafoxanide
- (D) Tylosin

168. Stilbamidine test is used to diagnose

- (A) Theileriosis
- (B) Anaplasmosis
- (C) Trypanosomiasis
- (D) Whip worm infection

169. Which one of the following is the proper name for the conditions known as milk fever ?

- (A) Mastitis
- (B) Parturient paresis
- (C) Founder
- (D) Laminitis

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

- (A) Sodium EDTA
- (B) Sodium fluoride
- (C) Heparin
- (D) Sodium Oxalate.