

067/21

Question Booklet Alpha Code

A

	Question Booklet Sl. No.
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A

Total Number of Questions : 100

Time : 75 Minutes

Maximum Marks : 100

**INSTRUCTIONS TO CANDIDATES**

1. The Question Paper will be given in the form of a Question Booklet. There will be four versions of Question Booklets with Question Booklet Alpha Code viz. **A, B, C & D**.
2. The Question Booklet Alpha Code will be printed on the top left margin of the facing sheet of the Question Booklet.
3. The Question Booklet Alpha Code allotted to you will be noted in your seating position in the Examination Hall.
4. If you get a Question Booklet where the alpha code does not match to the allotted alpha code in the seating position, please draw the attention of the Invigilator **IMMEDIATELY**.
5. The Question Booklet Serial Number is printed on the top right margin of the facing sheet. If your Question Booklet is un-numbered, please get it replaced by new Question Booklet with same alpha code.
6. The Question Booklet will be sealed at the middle of the right margin. Candidate should not open the Question Booklet, until the indication is given to start answering.
7. Immediately after the commencement of the examination, the candidate should check that the Question Booklet supplied to him/her contains all the 100 questions in serial order. The Question Booklet does not have unprinted or torn or missing pages and if so he/she should bring it to the notice of the Invigilator and get it replaced by a complete booklet with same alpha code. This is most important.
8. A blank sheet of paper is attached to the Question Booklet. This may be used for rough work.
9. **Please read carefully all the instructions on the reverse of the Answer Sheet before marking your answers.**
10. Each question is provided with four choices **(A), (B), (C)** and **(D)** having one correct answer. Choose the correct answer and darken the bubble corresponding to the question number using Blue or Black Ball Point Pen in the OMR Answer Sheet.
11. **Each correct answer carries 1 mark and for each wrong answer 1/3 mark will be deducted. No negative mark for unattended questions.**
12. No candidate will be allowed to leave the examination hall till the end of the session and without handing over his/her Answer Sheet to the Invigilator. Candidates should ensure that the Invigilator has verified all the entries in the Register Number Coding Sheet and that the Invigilator has affixed his/her signature in the space provided.
13. Strict compliance of instructions is essential. Any malpractice or attempt to commit any kind of malpractice in the Examination will result in the disqualification of the candidate.

067/21

A

-2-

1. A male fowl under one year age is called
  - A) Cockerel
  - B) Cock
  - C) Capon
  - D) Rooster
  
2. Which of the following statement is/are correct ?
  - i. First candling is done on 7<sup>th</sup> day to discard dead in shell.
  - ii. Second candling is done on 18<sup>th</sup> day to discard infertile eggs.
  - iii. Candling is done in a dark room.
  - A) Only (i) is correct
  - B) Only (i) and (ii) are correct
  - C) All (i), (ii) and (iii) are correct
  - D) Only (iii) is correct
  
3. Scientific name of Turkey
  - A) *Numida meleagris*
  - B) *Meleagris gallopavo*
  - C) *Anas platyrhynchos*
  - D) *Pavo cristatus*
  
4. Best layer breed of poultry in the world
  - A) New Hampshire
  - B) Plymouth Rock
  - C) White Leghorn
  - D) Rhode Island Red
  
5. Group of duck is called
  - A) Raft
  - B) Band
  - C) Stock
  - D) Herd
  
6. Which of the following is the best method of sexing ?
  - A) Vent sexing
  - B) Auto sexing
  - C) Protoscope method
  - D) All of the above
  
7. By-product of cheese is
  - A) Buttermilk
  - B) Skim milk
  - C) Whey
  - D) Butter oil
  
8. Average lactose content of cow milk
  - A) 4.5%
  - B) 5.2%
  - C) 4.8%
  - D) 3.8%



17. Per capita availability of eggs per year in India on the year 2019  
 A) 79  
 B) 63  
 C) 47  
 D) 35
18. System of feeding most commonly practiced in layers  
 A) Controlled feeding  
 B) Ad-libitum feeding  
 C) Phase feeding  
 D) Restricted feeding
19. Pick up the incorrect statements.  
 i. Contour feathers are large feathers present on the body.  
 ii. Filo plumes are small down feathers which help to retain body temperature.  
 iii. Plumules are intermediate type of feathers.  
 A) (i) and (ii) are incorrect  
 B) (i) and (iii) are incorrect  
 C) (ii) and (iii) are incorrect  
 D) All are incorrect
20. Which of the following is incorrectly matched ?  
 A) Pullorum disease – *Salmonella pullorum*  
 B) Sawhorse – *Clostridium tetani*  
 C) Diamond skin disease – *Erysepelothrix rhusiopathiae*  
 D) Foot and mouth disease – *Paramixo virus*
21. Act of mating in pig  
 A) Coupling  
 B) Tapping  
 C) Serving  
 D) Farrowing
22. Farming in which 50% or more income is generated from livestock and the rest from agriculture is  
 A) Diversified farming  
 B) Mixed farming  
 C) Specialized farming  
 D) Integrated farming
23. Select draught purpose breed.  
 A) Kangayam  
 B) Kankrej  
 C) Haryana  
 D) Tharparker



34. Find the odd one out.  
A) Scapula                      B) Humerus                      C) Ulna                      D) Tibia
35. Which of the following organ is found in abdominal cavity of cattle ?  
A) Genital organs                      B) Urinary bladder  
C) Rectum                      D) Kidney
36. Gestation period of pig is \_\_\_\_\_ days.  
A) 115                      B) 150                      C) 60                      D) 90
37. Rumen pH in a healthy cattle lies between  
A) 7.1 – 7.6                      B) 5.8 – 6.8  
C) 4.8 – 5.8                      D) None of the above
38. The voice of fowl is produced in  
A) Trachea                      B) Air sac  
C) Upper larynx                      D) Syrinx
39. Name the only gland present in the fowl.  
A) Uropygeal gland                      B) Preen gland  
C) Oil gland                      D) All of the above
40. Which compartment of stomach is situated anteriorly just behind the diaphragm of cattle ?  
A) Rumen                      B) Reticulum  
C) Omasum                      D) Abomasum
41. End product of carbohydrate metabolism in ruminants  
A) Propionic acid                      B) Butyric acid  
C) Glucose                      D) Both (A) and (B)
42. Enterotoxaemia in goat/sheep is caused by  
A) *Clostridium tetani*                      B) *Clostridium perfringens*  
C) *Clostridium novyi*                      D) All of the above

067/21

43. Steps which is not associated with ETT  
A) Identification and storage of embryo  
B) Super ovulation and oestrus synchronization  
C) Insemination of donor  
D) Insemination of recipient
44. How many lobes are present in liver of birds ?  
A) 4                      B) 3                      C) 5                      D) 2
45. The best crop for silage making is  
A) Maize                      B) Lucerne  
C) Berseem                      D) All of the above
46. Piglet anemia is caused by deficiency of  
A) Copper                      B) Iron  
C) Cobalt                      D) None of the above
47. \_\_\_\_\_ is a disease resistant breed of poultry with intense black coloured internal organs.  
A) Aseel                      B) Kalamasi                      C) Ancuna                      D) Bursa
48. Highest quality bacon obtained from which of the following ?  
A) Berkshire                      B) Hampshire                      C) Yorkshire                      D) Landrace
49. Name Jersey of goat breeds.  
A) Beetal                      B) Jamunapari                      C) Surti                      D) Saanen
50. Diluent used in frozen bull semen production  
A) EYC                      B) Tris glycerol  
C) CME                      D) EYSGM
51. Which of the following is not act as source of protein for animal feeds ?  
A) Meal scrap                      B) Blood meal  
C) Dried tapioca                      D) Coconut cake

**A**

52. Deficiency of Vitamin K may occurs due to
- A) Dicumarol
  - B) Feeding of spoiled sweet clover forage
  - C) Intestinal parasitic infection like coccidian, capillaria
  - D) All of the above
53. Restriction of \_\_\_\_\_ % of feed is allowed in egg type of growers.
- A) 20 – 22
  - B) 7 – 8
  - C) 10 – 12
  - D) 13 – 15
54. Which of the following is not a non-nutritive feed additive ?
- A) Feed enzymes
  - B) Antioxidants
  - C) Toxic binders
  - D) Vitamin premix
55. According to PFA and BIS standards, standardized milk must contain
- A) 4.5% fat, 8.5% SNF
  - B) 4.5% fat, 9% SNF
  - C) 3.5% fat, 8.5% SNF
  - D) 3.5% fat, 9% SNF
56. Biological value of milk is
- A) 80%
  - B) 90%
  - C) 100%
  - D) 70%
57. Which of the following statement is/are false ?
- i. In sterilization of milk all the micro-organisms, spores and vegetative forms are destroyed.
  - ii. Vacreation is a method of sterilization.
  - iii. Sterilized milk can be kept at room temperature for less than 15 days.
- A) Statement (i) is false
  - B) Statement (ii) is false
  - C) Statement (iii) is false
  - D) (i), (ii), (iii) are false
58. Normal specific gravity of milk at 29°C is
- A) 1.28 – 1.35
  - B) 1.028 – 1.035
  - C) 1.0028 – 1.0035
  - D) None of the above







80. Which of the following is not a fermented product ?
- A) Cheese  
B) Khoa  
C) Paneer  
D) Both (B) and (C)
81. FMD occurs in
- A) Cloven footed animals  
B) Odd footed animals  
C) Both  
D) None
82. Needle tooth/black tooth is usually seen in
- A) Piglet  
B) Puppy  
C) Calf  
D) Kids
83. Avian influenza is also known as
- A) Fowl cholera  
B) Fowl plague  
C) Both  
D) None
84. Examples for organophosphate pesticides is
- A) Dichlorvos  
B) BHC  
C) Malathione  
D) Both (A) and (C)
85. Concentrate to roughage ratio in TMR feed is
- A) 55 : 45  
B) 45 : 55  
C) 35 : 45  
D) 45 : 35
86. A hormone namely \_\_\_\_\_ is produced by pineal gland in the absence of light which inhibit GnRH production.
- A) Vasotocin  
B) Melatonin  
C) Inhibin  
D) None of the above

**067/21**

87. Normal body temperature of cow is

- A) 100°F                      B) 101.5°F                      C) 102.5°F                      D) 103.5°F

88. Basic milk producing unit in udder is

- A) Alveoli    B) Gland cistern  
C) Teat cistern    D) None of the above

89. Standard lactation period of cattle is

- A) 285 days    B) 295 days  
C) 305 days    D) 365 days

90. Condition in which the animal is unable to reproduce permanently is called

- A) Sterility    B) Infertility  
C) Both (A) and (B)    D) None of the above

91. Functions of placenta includes

- A) Nutritive    B) Excretory  
C) Endocrine    D) All of the above

92. Select egg purpose breed of duck.

- A) Indian runner    B) White Pekin  
C) Muscovy    D) Aylesburry

93. Most toxic aflatoxin is

- A) G1    B) G2  
C) B1    D) B2

94. Zonary placentation seen in

- A) Dog  
B) Mare  
C) Both (A) and (B)  
D) None

**A**

95. Normal concentration spermatozoa per ml of bulls semen is
- A) 2500 – 3500 sperms
  - B) 300 – 2500 sperms
  - C) 30 – 300 sperms
  - D) None of the above
96. Weight of quail egg is
- A) 8 – 10 g
  - B) 15 – 20 g
  - C) 20 – 25 g
  - D) 25 – 30 g
97. Mating method in poultry where male and female are kept separately
- A) Stud mating
  - B) Pen mating
  - C) Flock mating
  - D) All of the above
98. Which of the following animal has maximum pulse rate ?
- A) Horse
  - B) Pig
  - C) Cattle
  - D) Dog
99. The optimum FCR for a profitable broiler farm should be between
- A) 1.8 – 2.0
  - B) 2.0 – 2.2
  - C) 2.2 – 2.4
  - D) 2.4 – 2.5
100. Accessory sex gland which produce mucus like secretion in bull
- A) Prostate glands
  - B) Cowper's gland
  - C) Seminal vesicles
  - D) All of the above
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067/21

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Space for Rough Work



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