C SM : 17

ANIMAL HUSBANDRY AND VETERINARY SCIENCE
PAPER - II

Time Allowed : 3 hours                  Full Marks : 100

Marks for each question is indicated against it.
Attempt any 5 (five) questions taking not more than 3 (three) questions from each Part.

PART - A

1. Define placentation. What are the different types of placental arrangement found in domestic animals? Discuss the differences in the anatomy of fowl in relation to its reproductive system. (5+10+5=20)

2. What do you mean by antimicrobials? Discuss the merits and demerits of antibiotics in modern day practices of animal rearing. (5+15=20)

3. Discuss about etiology, pathogenesis, clinical findings, treatment and control of haemorrhagic septicaemia disease in cattle? (20)

4. What do you mean by Herd Immunity? Discuss the principles and methods for immunization of animals against diseases. (5+15=20)

PART - B

5. What is zoonotic disease? Classify zoonotic diseases as per the agent involved and mode of transmission. Give examples for each type. (4+12+4=20)

6. What is clean milk? Describe the essential steps to produce clean milk in small scale dairy farms. What is pasteurization? Tabulate the time - temperature combinations of HTST, LT LT and ultrapasteurization. Enlist fat contents of following milk products - standardized milk, toned milk, double toned milk, butter, ice cream. (2+8+2+3+5=20)

7. What is the importance of ante-mortem inspection of food animals? Explain the meat inspection procedures and judgment of carcass? What are the duties and functions of veterinarian in wholesome meat production? (5+5+10=20)

8. Give the composition and nutritive value of eggs. What precaution should be taken to prevent microbial spoilage in the marketing of eggs? (10+10=20)

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