CSM : 14

ANIMAL HUSBANDRY & 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. Outline the mechanism of action of the following antimicrobials: (4×5=20)
   (a) Penicillin
   (b) Tetracycline
   (c) Streptomycin
   (d) Sulfonamides

2. Describe the etiology, pathogenesis, symptoms, diagnosis and control of milk fever in dairy animals. (20)

3. What is bloat? How is it different from tympanitis? Discuss the etiological factors, pathogenesis, clinical signs, differential diagnosis and treatment of frothy bloat in ruminants. (20)

4. Answer any two of the following: (2×10=20)
   (a) Mention the various aspects of development of germ layers in an embryo.
   (b) Outline the germ layer origin of tissues and make a tabular representation (ectodermal, mesodermal and endodermal).
   (c) Mention a synopsis of any five of the twelve pairs of cranial nerves (Origin and function)

PART B

5. Classify the different types of zoonoses and give an example for each type. (20)

6. Write notes on the following indigenous milk products: Dahi, Ghee, Chhana, Khoa and Shrikhand. (20)

7. What is hygienic meat production and what are different methods of meat preservation for quality pork production? (20)

8. Write short notes on: (2×10=20)
   (a) Abattoir requirements and design.
   (b) Spoilage of meat and control measures.

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