

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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