

CSM : 15

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. What is the basic unit of nervous system? Differentiate between dendrite and axon. Describe the anatomical structures of the branches of the Autonomic Nervous System. **(2+3+15=20)**
2. Write about any two of the following: **(2×10=20)**
 - (a) Pharmacological role of anticholinergic agent
 - (b) Aflatoxicosis
 - (c) Fluorosis
3. Explain etiology, pathogenesis, clinical signs, treatment and control of swine fever. **(20)**
4. What are the different methods of diagnosis of animal diseases? Write about the methods of collection and dispatch of various materials for diagnosis of bacterial, viral and parasitic diseases. **(10+10=20)**

PART B

5. Write the name of at least four parasitic zoonotic diseases. Describe about lifecycle, diagnosis and control of one parasitic zoonotic disease of man transmitted through pork. **(4+16=20)**
6. Highlight the importance of milk quality. Describe in detail the methylene blue reduction test and resazurin test as indicators of milk quality. **(8+6+6=20)**
7. Describe the preservation and maintenance of egg and egg products to avoid microbial spoilage. **(20)**
8. Write in detail about: **(2×10=20)**
 - (a) Production of wholesome meat safe for consumer
 - (b) Meat Inspection

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