

CSM : 18

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. Describe the following. **(10+10=20)**
 - (a) Structure and functions of a living cell and its components.
 - (b) Procedure for processing of tissues for paraffin sectioning.
2. Write about symptoms, diagnosis and control of two important viral diseases of pigs of north eastern region of India? **(10+10=20)**
3. Define antibiotics? Explain about the mechanism of action and adverse effects of each classes of pigs? **(2+9+9=20)**
4. What is an outbreak? Differentiate between epidemic and endemic? Explain about outbreak investigation steps of animal diseases? **(2+9+9=20)**

PART - B

5. Define epidemiology? Classify and explain different epidemiological studies? Differentiate between cohort and case control studies? **(2+10+8=20)**
6. What are the essential features of a well designed slaughter house? Explain the importance of pre-slaughter hold area/lairage. **(10+10=20)**
7. Write about value added meat products in respect of pork and chicken? Write about structure, composition and nutritive value of eggs. **(6+6+8=20)**
8. Define fermentation? Explain about preparation methods and significance of some fermented products of India? **(2+9+9=20)**

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