CSM : 22

ANIMAL HUSBANDRY AND VETERINARY SCIENCE
PAPER - I

Time Allowed : 3 hours

Full Marks : 100

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

PART - A

1. Describe in detail about the methods adopted for calculating energy and protein requirements of animals. **(20)**

2. Explain about conservation of fodder and describe in detail about silage preparation and its quality evaluation. **(5+15=20)**

3. What do you mean by acid-base balance? Explain how it is regulated by the kidney. **(2+18=20)**

4. Define repeat breeding and discuss its management in dairy cattle. **(2+18=20)**

PART - B

5. What are the common natural calamities encountered by animal owners in India? How will you manage to feed the animals during scarcity conditions? **(5+15=20)**

6. Define chromosomal abnormalities. Discuss classification of chromosomal abnormalities with suitable examples. **(5+15=20)**

7. Define inbreeding and crossbreeding. Give the differences between inbreeding and crossbreeding. What are the uses of these breeding systems? **(4+6+10=20)**

8. Define communication. What are the functions of communications? Describe factors for selecting the extension teaching methods. **(2+9+9=20)**

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