

CSM—13/24
PART—II/PAPER—VII
ANIMAL HUSBANDRY & VETERINARY SCIENCE
PAPER—II

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Time : 3 Hours

Full Marks : 250

*The question paper contains **18 (Eighteen)** questions
in **GROUP—A, (12)** and **GROUP—B, (06)** together.*

GROUP—A

*Candidates to attempt **10 (ten)** questions within word limit of **250**.*

*Each question carries **15** marks.*

1. What is placenta? Give the classification of placenta based on gross and microstructure in domestic animals.
2. Describe in detail the topography of ruminant stomach.
3. Describe the transport of oxygen to the tissue by blood. Write about the factors affecting the oxygen-haemoglobin dissociation curve.
4. Explain in detail about specialized conductive tissues of the heart. Enlist the methods for measuring cardiac output. Describe in detail about different factors affecting cardiac output.
5. Classify antineoplastic drugs with examples. Explain in detail on antineoplastic antibiotics and herbal-derived antineoplastic agents.
6. Explain the classification of zoonoses with suitable examples. Describe the different types of anthrax with suitable examples, symptoms, diagnosis and treatment.

7. Explain in detail the epidemiological methods in Veterinary Public Health. Describe in detail the epidemiological approach for the diagnosis of zoonotic diseases.
8. Explain the key considerations in housing design and space requirements in animal houses.
9. Discuss in detail about musculo-skeletal system of fowl and also describe egg production in fowl.
10. Describe the uses of hormones as therapeutics in animals.
11. Discuss in detail the ageing of dressed carcass along with the classification of meat proteins.
12. Write in detail about the etiology, epidemiology, clinical signs, diagnosis, treatment and prevention of equine influenza.

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GROUP—B

Candidates to attempt 05 (five) questions within word limit of 300.

Each question carries 20 marks.

13. Enlist important viral diseases of poultry. Discuss in detail the pathogenesis, symptoms, postmortem lesions, diagnosis, control and prevention of infectious bursal disease.
14. Discuss in detail the etio-pathogenesis, clinical findings, treatment and control of milk fever in buffalo.
15. Enlist the factors which influence Vit-A utilization in the body. Describe in detail the clinical findings, diagnosis and treatment of Vit-A deficiency in bovine.
16. Discuss in detail the pathogenesis, clinical findings, diagnosis and treatment of Cerebrocortical Necrosis (CCN) in goats.

17. Explain in detail meat speciation and also discuss occupational health hazards.

18. Describe in detail about collection, preservation and dispatch of materials for laboratory investigation.

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SPACE FOR ROUGH WORK

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