

2021

ANIMAL HUSBANDRY AND VETERINARY SCIENCE

PAPER-II

Time Allowed — 3 Hours

Full Marks — 200

If the questions attempted are in excess of the prescribed number, only the questions attempted first up to the prescribed number shall be valued and the remaining ones ignored.

Answers may be given either in English or in Bengali but all answers must be in one and same language

Group-A

Answer Question No. 1 and any two from the rest.

1. Write in brief, on any ten of the following:-

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|---|--------|
| (a) Classify the brain and write the structure of Mid brain. | 5+5=10 |
| (b) Mention the Cranial Nerves and write in course of 5th Cranial Nerve and its branches. | 3+7=10 |
| (c) Write the structure and function of Nephron. | 5+5=10 |
| (d) What is full form of TCA cycle? Write in details of TCA cycle. | 2+8=10 |
| (e) Write with diagram of oviduct of hen and digestive tract of fowl. | 5+5=10 |
| (f) Mention the causes of vaccination and deworm in dog. Write the function of sweat gland. | 5+5=10 |
| (g) Differentiate between organophosphorus compound and organochlorine compound. Describe the treatments of both insecticide poisoning in Cattle. | 5+5=10 |
| (h) Write in difference exotoxin and endotoxin. | 10 |
| (i) What is Microbial toxin? Draw and lable a bacterial growth curve. | 4+6=10 |
| (j) State the layers of retina. | 10 |
| (k) Write in details of metabolism of glycogen in muscle. | 10 |
| (l) Describe the movement of synovial joint. | 10 |
2. Write the different species of Babesia in Cattle. Describe in details pathogenesis, diagnosis and treatment of Babesiosis. 2+6+6+6=20
3. What is Milk fever? Write clinical finding, diagnosis and treatment of Ketosis. 2+6+6+6=20
4. Write the mechanism of action of penicillin, tetracycline and fluroquinolones. Name some locally acting antifungal drugs. Write the mechanism of action of gresiofulvin and azole antifungal drug. 10+5+5=20

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Please Turn Over

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Group-B

Answer *any two* questions.

5. Write in brief: 6×5=30
- (a) opening of pharynx
 - (b) Fever
 - (c) Function of liver
 - (d) Importance of fibre in rabbit diet
 - (e) Nutrient requirement of Mice
6. What is bloat? Write clinical findings, diagnosis and treatment of bloat. 3+9+9+9=30
7. Write short notes on the following:- 6×5=30
- (a) Function of lungs with its structure.
 - (b) Snake bite
 - (c) Ligament of liver
 - (d) Mention feeding schedule of rabbit in different stage
 - (e) Inguinal hernia and its surgical treatment
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