

2022

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. Answer any ten from the following:

6×10=60

- Draw and describe the air sac of fowl.
- Write the difference between endotoxin and exotoxin.
- Write the full form of TCA, write in details about TCA.
- Write the blood supply of head and gives the all branches with suitable diagrams.
- Write the glycogen metabolism in muscle.
- How we can conserve wildlife? Write the types of wildlife conservation.
- Draw and describe the laryngeal cartilage of ox.
- Write the pathological stages of pneumonia in goat.
- Write the causes of diarrhoea and treatment of ox.
- Write the symptom of B.Q. with specific treatment of cattle.
- Write the different type of hernia.

2. Draw and describe formation, branching, course, distribution pattern of lumbo-sacral plexus in dog. 20+20=40

3. Write etiology, pathogenesis, clinical findings, diagnosis and treatment of Brucellosis. 3+7+10+10+10=40

4. (a) Differentiate between organophosphorus and organochlorine poisoning in animal. Discuss the treatment in both insecticide poisoning of calves.

(b) Write down the layers of Retina. Describe in details about lamies of eye.

(10+10)+(10+10)=40

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(2)

Group-B

Attempt *any two* questions.

5. (a) Draw the bacterial growth curve.
(b) Write the function of liver.
(c) Write in details etiology, symptoms, diagnosis and treatment of Rabies. 10+10+10=30
6. Write in details etiology, pathogenesis, symptom and treatment of Trypanosomiasis. 10+10+10=30
7. Write short on the following: 6×5=30
(a) Ligament of liver
(b) Milk fever and treatment
(c) Snake bite poisoning and treatment
(d) Diagnosis of Tympany and clinical finding
(e) Fever

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