

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 written either in English or in Bengali but all answers must be in one and the same language

GROUP-A

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

1. Write in brief on any ten of the followings :
 - a) Write in brief about the composition of bone. Name about varieties of bone. 7+3
 - b) Discuss in brief about freemartin. What do you mean by fremitus ? 7+3
 - c) Write about the shape and position of Kidneys of cow and dog. 5+5
 - d) State the conditions affecting the milk yield of cow. What do you mean by milk lameness ? 6+4
 - e) Give an account of Coccidiosis in Rabbit. Out line its treatment. 8+2
 - f) Discuss on Thyroid gland including its minute structure. State about the functions of thyroxine. 7+3
 - g) State the factors influencing antifungal activity. Name some antifungal drugs for topical application. 6+4
 - h) Write in brief about various types of shock. State the treatment of hypovolemic shock. 5+5
 - i) What are the main causes of ascites ? Give the line of treatment of it. 4+6
 - j) How would you diagnose leptospirosis in dog ? Give the line of treatment of tetanus in dog. 5+5
 - k) State the factors responsible for ruminal dysfunction. Why vitamin B₁ is given in Acid indigestion in Cattle ? 8+2
 - l) What is the role of CITES in relation to wild life protection ? Which birds are called Birds of prey ? 8+2
2. Discuss about the aetiopathogenesis, clinical findings, diagnosis and line of treatment of pyelonephritis in ruminants. 6+6+3+5
3. Give an account on the etiology, mode of transmission, diagnosis, treatment, control and zoonotic aspect of Toxoplasmosis. 2+5+4+3+4+2
4. Write down the aetiopathogenesis, clinical signs, treatment and Control of Chronic Respiratory Disease (CCRD) in poultry. 6+4+4+6

GROUP-B

Answer any two Questions :

5. Write in brief about the followings :
- a) Difference between diarrhoea and dysentery.
 - b) Difference between prevalence and incidence from epidemiological stand point.
 - c) Write a note on Maiming.
 - d) Euthanasia.
 - e) Haematemesis. 6x5
6. Discuss on downer cow syndrome in reference to its clinical signs, prognosis, treatment and prevention. 5+10+5+10
7. Write short notes on :
- a) Strauss' reaction.
 - b) Ascoli's test.
 - c) Mode of transmission of Diamond Skin disease.
 - d) Post F M D complications.
 - e) Antiviral disinfectants for some viral diseases. 6x5

