

Instructions:

- a) All questions are compulsory
- b) Draw diagrams wherever necessary
- c) Answers of Questions and Sub-questions must be written strictly according to serial order of question paper.
- d) Do not write anything on the blank portion of question paper, if written anything such type of act will be considered as an attempt to resort to unfair means

Q1. Long Answer questions

2 X 10 = 20

- a. Classify different Hepatitis viruses Write Laboratory diagnosis & Prophylaxis of infections caused by Hepatitis B virus.
- b. Describe the morphology. Life cycle & Laboratory diagnosis of Echinococcus granulosus.

Q2. Short Answer Questions

4 X 5= 20

- c. Write in short about Laboratory diagnosis of Amoebic infection.
- d. Classify Candida species Write a note on Candidiasis
- e. Short note on Prophylaxis against poliomyelitis.
- f. Principle & Application of ELISA in clinical microbiology.

Q3. Very Short Answer Questions

1 X 10= 10

- a. Make a well labelled diagram to show structure of Giardia Lamblia.
- b. Enumerate complication of Falciparum malaria.
- c. What factors help in eradication of small pox.
- d. What is inclusion bodies? Give any 2 examples.
- e. Enumerate the disease caused by Cytomegalovirus.
- f. Enumerate the virus which produce eye infections.
- g. Name 4 intestinal Nematodes.
- h. What is the difference between aerial & vegetative hyphae.
- i. Draw a well labelled diagram of Ig G Immunoglobulin.
- j. Name the causative organism of Chicago disease & Farmer's Lung diseases.