

Roll No.

Total No. of Pages : 02

Total No. of Questions : 11

M.Sc (Medical Microbiology) (Sem.-2)

PARASITOLOGY

Subject Code : MMB-205-21

M.Code : 92128

Date of Examination : 14-07-22

Time : 3 Hrs.

Max. Marks : 70

INSTRUCTIONS TO CANDIDATES :

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B contains EIGHT questions carrying FIVE marks each and students have to attempt any SIX questions.
3. SECTION-C will comprise of two compulsory questions with internal choice in both these questions. Each question carries TEN marks.

SECTION-A

1. Write briefly :

- a) How will you define parasitology?
- b) Distinguish between Plasmodium vivax and Plasmodium falciparum?
- c) Which class of parasites does Cryptosporidium parvum belongs to?
- d) Give the pathogenesis of Brugia malayi.
- e) What are cestodes? Why are they called so?
- f) Give the lab diagnostic tests for the confirmation of schistosoma haematobium.
- g) What is the lifecycle of trypanosoma brucei gambiense?
- h) Classify parasites.
- i) What is the reason behind assessing parasites in stool?
- j) Explain in brief the life cycle of giardia lamblia.

SECTION-B

2. Comment on the host parasite relationship in detail.
3. Give the laboratory diagnostic entamoeba histolytica.
4. What do you mean by trematodes? Give their classification.
5. Write a note on concentration methods used to identify parasites.
6. What are the various means of infections that causes diseases?
7. Illustrate in brief the pathogenesis of toxoplasma gondii.
8. What are zoonoses? What are the various types of zoonoses?
9. What effect does a parasite produce on host tissues?

SECTION-C

10. Describe the microscopic examination tests for parasites in stool.

OR

How will you differentiate between cestodes and nematodes? Explain the pathogenesis of any one parasite from both the category.

11. Explain the morphology and pathogenesis of trichinella spiralis.

OR

Explain the lifecycle of plasmodium malariae with its effect on human body.

NOTE : Disclosure of Identity by writing Mobile No. or Marking of passing request on any paper of Answer Sheet will lead to UMC against the Student.