

Roll No.

Total No. of Pages : 02

Total No. of Questions : 09

B.Sc. (Medical Lab Science) (Sem.-6)

PARASITOLOGY AND VIROLOGY

Subject Code : BMLS-604-18

M.Code : 79487

Date of Examination : 08-07-22

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.
3. SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.

SECTION-A

1. Write briefly :

- a) Define Helminthology.
- b) What is reservoir host?
- c) What is kala-azar?
- d) What are fleas?
- e) Write a short note on DNA viruses.
- f) What is gamogony?
- g) What is meant by Amoebic dysentery?
- h) Define Vaccination.
- i) What is a hydatid cyst?
- j) Write a short note on largest intestinal nematode.

SECTION-B

2. Write a note on microscopic examination of stool.
3. What are the preventive measures to control Malaria?
4. Explain the tissue culture technique for viral diagnosis.
5. Explain in detail the life cycle of '*Leishmania donovani*'.
6. Give the classification of viruses.

SECTION-C

7. Briefly explain habitat, mode of infection, life cycle and lab diagnosis of *Giardia*.
8. Describe egg counting technique for the estimation of the worm burden.
9. Discuss various staining techniques used to study viruses. Briefly, explain any one technique.

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