

Roll No.

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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 : 04-01-2023

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) Parasitism
 - b) Hydated cyst
 - c) Exo-erythrocyticschizogony
 - d) Amoebiasis.
 - e) Virus
 - f) Egg inoculation
 - g) General characteristics of protozoa
 - h) Transportation of stool specimen.
 - i) Negative staining
 - j) Cysticercosis.

SECTION-B

2. Explain parasitism commensalism and symbiosis.
3. Give the lab diagnosis of *Entamoeba histolytica*.
4. Describe the staining techniques in virology.
5. Write a brief note on mode of transmission of parasites.
6. Explain the morphology and life cycle of *A. Duodenale*.

SECTION-C

7. Describe the principle and procedure for Giemsa stain for the demonstration of Blood parasites.
8. Discuss the morphology, life cycle and laboratory diagnosis of *T. Saginata*.
9. Describe the various techniques for the processing of samples for viral diagnosis.

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.