

Roll No.

Total No. of Pages : 02

Total No. of Questions : 09

B.Sc. (MLS) (Sem.-4)
IMMUNOLOGY AND MYCOLOGY
Subject Code : BMLS-407-18
M.Code : 77715
Date of Examination : 13-07-22

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) Write vaccination schedule for DPT vaccine.
- b) What is the significant value of CRP test?
- c) Weil-felix Test.
- d) Name any two fungi causing deep mycosis.
- e) Role of normal saline in Widal tube agglutination test.
- f) Define ELISA.S
- g) Significant titer of Rose-Waaler test.
- h) What is acquired immunity?
- i) Name any four deficient media used in mycology lab.
- j) Differentiate between delayed and immediate hypersensitivity.

SECTION-B

2. Write short note on sporotrichosis.
3. Discuss Widal test for enteric fever.
4. Describe structure of IgM antibody.
5. Write processing of Dermatophyte samples.
6. Discuss ASO test.

SECTION-C

7. Discuss various opportunistic fungal infections in HIV patients.
8. Describe principle, procedure and interpretation of Brucella Standard and 2-ME Brucella agglutination test.
9. Describe ELISA PCR 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.