

Roll No.

Total No. of Pages : 02

Total No. of Questions : 09

B.Sc.(MLS)(Sem.-4)
IMMUNOLOGY & MYCOLOGY

Subject Code : BMLS-402

M.Code : 48117

Date of Examination : 07-07-22

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTION 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. Answer briefly :

- A) What is agglutination reaction?
- B) Define mycology.
- C) Define antigenicity.
- D) Write a short note on SDA media.
- E) Define haptens.
- F) What are monoclonal antibodies?
- G) Name four killed viral vaccines.
- H) What is ELISA??
- I) Write a short note on schick test.
- J) Define immunoglobulin.

SECTION-B

2. Differentiate between Humoral and Cell mediated immunity.
3. Explain the method of specimen collection and processing of fungal infection.
4. Explain the principle and procedure of CFT.
5. How the laboratory animals are important for fungal diagnosis?
6. Describe the various classes of Immunoglobulin.

SECTION-C

7. Explain the technique for standardisation of high titer antisera in lab animals.
8. Classify Fungi. Describe in detail the laboratory diagnosis of dermatophytes.
9. Define and classify hypersensitivity. Write in detail about type-I hypersensitivity in detail.

NOTE : Disclosure of identity by writing mobile number or making passing request on any page of Answer sheet will lead to UMC against the Student.