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Total No. of Pages : 02

Total No. of Questions : 18

B.Sc.(MLS) (2014 to 2017) (Sem.-4)

IMMUNOLOGY & MYCOLOGY

Subject Code : BMLS-402

M.Code : 48117

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

Write a note on :

1. Specific immunity
2. Agglutination Tests
3. Immunization
4. Cell Mediated Immunity
5. SDS-PAGE
6. Dimorphic fungi
7. Wet mount preparation
8. Immunoglobulin
9. Normal fungal Flora
10. Germ tube test

SECTION-B

11. Differentiate between MHC Class I and MHC Class II Proteins.
12. Discuss the principle, procedure, results and interpretations of TPHA.
13. Explain Germ Tube Test for Candida.
14. Give the principle and staining protocol of Lactophenol Cotton Blue (LPCB) mounts.
15. Write a brief note on preservation of fungal cultures.

SECTION-C

16. Discuss briefly different techniques used for isolation and identification of medically important fungi.
17. Define Vaccines. Give vaccination schedule for extended programme of immunization in India.
18. Discuss VDRL test. Give the Principle, Procedure, Results, Interpretation, Significance and Limitation of VDRL test

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.