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Roll No. ....

**4th Sem./ DMLT, DMLT  
( For Speech and Hearing Impaired)  
Subject : Immunology and Mycology**

Time : 3 Hrs.

M.M. : 60

**SECTION-A**

**Note:** Multiple choice questions. All questions are compulsory (6x1=6)

Q.1 VDRL is used is for diagnosis of

- |               |              |
|---------------|--------------|
| a) TB         | b) Syphilis  |
| c) Diphtheria | d) Pneumonia |

Q.2 Toxins produced by fungi are called

- |                |                 |
|----------------|-----------------|
| a) Exotoxins   | b) Mycotoxins   |
| c) Neurotoxins | d) Enterotoxins |

Q.3 Widal test is done for \_\_\_\_\_ bacteria.

- |                 |                 |
|-----------------|-----------------|
| a) Salmonella   | b) E.coli       |
| c) Both a and b | d) Streptococci |

Q.4 \_\_\_\_\_ is known as native or natural immunity.

- |                    |                      |
|--------------------|----------------------|
| a) Innate immunity | b) Acquired immunity |
| c) Both a and b    | d) Humoral immunity  |

Q.5 Culture media commonly used for fungal cultivation

- a) CMA                                      b) SDA
- c) BHI                                        d) Blood agar

Q.6 Full form of ATP is

- a) Adenosine triphosphate
- b) Adenosine triphosphorus
- c) Both (a) & (b)
- d) None of above

### SECTION-B

**Note:** Objective/ Completion type questions. All questions are compulsory. (6x1=6)

Q.7 SDA stands for\_\_\_\_\_.

Q.8 Define Mycology.

Q.9 What is Agglutination?

Q.10 Define Candida.

Q.11 Expand the term ASO & RF.

Q.12 Epidermophyton does not infect\_\_\_\_\_.

### SECTION-C

**Note:** Short answer type questions. Attempt any eight questions out of ten questions. (8x4=32)

Q.13 Give the composition, principle and procedure of CMA.

Q.14 Give the applications of precipitation reactions.

Q.15 Give the procedure for slide test of RF test.

Q.16 Give six general characteristics of medically important fungi.

Q.17 Explain the qualitative Widal test.

Q.18 Give the microscopy and culture characteristics of RHIZOPUS.

Q.19 How will you collect skin sample for fungal identification.

Q.20 Write a short note on lab diagnosis of candida.

Q.21 What is antigen antibody reaction?

Q.22 Explain the principle and procedure of KOH preparation.

### SECTION-D

**Note:** Long answer type questions. Attempt any two questions out of three questions. (2x8=16)

Q.23 Write down the principle and procedure of LCB test for identification of fungi.

Q.24 Write down the principle and procedure of ELISA test.

Q.25 Describe the principle, procedure and interpretation of widal test.