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221944

**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.