

No. of Printed Pages : 4  
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**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 Hyphae divided by cross walls are known as

- a) Septate
- b) Aseptate
- c) Non septate
- d) None of these

Q.2 Candida albicans is a :-

- a) Yeast
- b) Yeast like fungi
- c) Moulds
- d) Dimorphic fungi

Q.3 Which type of test is done for enteric fever .

- a) Widal test
- b) ASO titer
- c) VDRL test
- d) Weil felix test

Q.4 Immunoglobulin found in allergic condition is

- a) IgA
- b) IgD
- c) IgE
- d) IgM

Q.5 Blood group are determined by \_\_\_\_\_ reaction.

- a) Precipitation
- b) Gel diffusion
- c) Agglutination
- d) CFT

Q.6 SDA media was discovered in

- a) 1892
- b) 1880
- c) 1885
- d) 1890

**SECTION-B**

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

Q.7 SDA (Sabouraud's dextrose agar) without antibiotics is used for \_\_\_\_\_.

Q.8 What is Precipitation?

Q.9 Expand the term ELISA.

Q.10 Expand BHAI.

Q.11 Name any two clinical important fungi.

Q.12 What are the different types of media used in fungal culture?

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## **SECTION-C**

**Note:** Short answer type questions. Attempt any eight questions out of ten questions.  $(8 \times 4 = 32)$

- Q.13 Write down the principle and procedure of CRP.
- Q.14 write down the collection of nail specimen for fungal infection detection.
- Q.15 Write a short note on VDRL Test.
- Q.16 Define Agglutination with examples.
- Q.17 Write down the principle of direct ELISA.
- Q.18 Give the lab-diagnosis of dermatophytes.
- Q.19 Explain procedure any 2 staining methods which are used for identification of fungi.
- Q.20 Describe the medically Importance of brain Heart Infusion Agar and Broth.
- Q.21 Write the composition of SDA culture media.
- Q.22 How will you inoculate fungus in clinical lab?

## **SECTION-D**

**Note:** Long answer type questions. Attempt any two questions out of three questions.  $(2 \times 8 = 16)$

- Q.23 Explain the different types of culture media used in mycology laboratory.
- Q.24 Explain co-agglutination test for Antigen-Antibody reaction.
- Q.25 Describe the principle, technique and interpretation of the ASO.