

- Q.32 Write down the applications of agglutination reaction.
- Q.33 Draw the well labeled structure of antibody.
- Q.34 Write down the principle and procedure of CRP test.
- Q.35 Write a short note on Immune system.

Section-D

Note: Long answer type questions. Attempt any two questions out of three Questions. (2x10=20)

- Q.36 Write down the uses and principle of ELISA test.
- Q.37 Explain flocculation test for Antigen - Antibody reaction.
- Q.38 Explain the factors that influence immunity.

No. of Printed Pages : 4
Roll No.

181941/121941/031941

4th Sem. Branch : DMLT
Subject : Clinical Microbiology - IV

Time : 3 Hrs.

M.M. : 100

SECTION-A

Note: Multiple choice Questions. All Questions are compulsory. (10x1=10)

- Q.1 Vibrio are _____ shaped.
a) Spherical b) Coma
c) Rod d) None of above
- Q.2 Study of fungi is _____.
a) Fungiology b) Mycology
c) Microbiology d) Virology
- Q.3 Which is not a serological test
a) Hb b) ASO
c) RF d) VDRL
- Q.4 Defence mechanism of a host against foreign body is known as
a) Pathogenicity b) Hypersensitivity
c) Immunity d) None of these
- Q.5 Full form of RPR is
a) Rapid plasma reagent b) Rapid plasma reagin
c) Both I & II d) None of above

- Q.6 _____ Immunoglobulin works against parasitic infection.
a) IgG b) IgA
c) IgD d) IgE
- Q.7 Toxins produced by fungi are called as
a) Exotoxins b) Mycotoxins
c) Neurotoxins d) Edotoxins
- Q.8 Culture media commonly not used for fungi is
a) CMA b) SDA
c) Corn meal agar d) Blood agar
- Q.9 Which type of test is done for enteric fever
a) Widal test b) ASO titer
c) VDRL Test d) Weil Felix test
- Q.10 The most prominent immunoglobulin is
a) IgG b) IgA
c) IgD d) IgM

Section-B

Note: Objective type questions. All questions are compulsory. (10x1=10)

- Q.11 Name any two fungal infections.
- Q.12 Expand SDA.
- Q.13 What is fungal cultivation?
- Q.14 What is mycology.
- Q.15 Which cell produces antibodies?

- Q.16 Name the reagent used in negative staining.
- Q.17 What is acquired Immunity?
- Q.18 Name the two examples of antigen antibody reaction.
- Q.19 Only _____ antibody can cross the placenta.
- Q.20 Expand BHI.

Section-C

Note: Short answer type Questions. Attempt any twelve questions out of fifteen Questions. (12x5=60)

- Q.21 How will you collect skin sample for fungal identification?
- Q.22 What are the uses of Penicillium.
- Q.23 Write a short note on immunity.
- Q.24 Write a short note on candida albicans.
- Q.25 What is antigen antibody reaction?
- Q.26 How will you inoculate fungus in clinical lab?
- Q.27 Write down the principle and procedure of Widal slide test.
- Q.28 Give the composition of CMA culture media.
- Q.29 Explain Inoculations of Culture Media.
- Q.30 Give the different properties of antibodies?
- Q.31 What are the characteristic of antigens?