

- 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.

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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) Fungillogy 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?