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Roll No.

4th Sem / DMLT
Subject:- Clinical Microbiology - IV

Time : 3Hrs. M.M. : 100

SECTION-A

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

- Q.1 Bacilli are _____ shaped
a) Spherical b) Coma
c) Rod d) None of above
- Q.2 Study of fungi is _____
a) fungilgy b) mycology
c) microbiology d) virology
- Q.3 Triponema pallidum is a causative organism for
a) Syphilis b) Neisseria
c) HIV d) HBV
- 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 the above

- Q6 Candida albicans is a :-
a) Yeast b) Yeast like fungi
c) Dimorphic fungi d) Moulds
- Q.7 Toxins produced by fungi are called as
a) Exotoxins b) Mycotoxins
c) Neurotoxins d) edotoxins
- Q8 Blood group are determined by reaction
a) Precipitation b) CFT
c) Gel diffusion d) Agglutination
- Q.9 Which type of test is done for the 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 What is normal Saline Preparation?
Q.12 Expand SDA.

- Q.13 What is ringworm infection?
- Q.14 Define 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 LCB.

SECTION-C

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

- Q.21 How will you collect hair and skin sample for fungal identification.
- Q.22 Give the uses of Penicillium.
- Q.23 Write a short note on innate immunity.
- Q.24 Write a short note on lab diagnosis of candida albicans.
- Q.25 What is the antigen antibody reaction?
- Q.26 Preparation of SDA fungal culture Media.
- Q.27 Write down the principle and procedure of Widal test.
- Q.28 Give the composition of SDA culture media.

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- Q.29 Explain Inoculations of Culture Media,
- Q.30 Give the different properties of antibodies?
- Q.31 Principle and Technique for RF.
- Q.32 Write down the applications of agglutination reaction,
- Q.33 Draw the labeled structure of antibody,
- Q.34 Importance of ASO 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 principle and procedure of ELISA test.
- Q.37 Explain co-agglutination test for Antigen- Antibody reaction.
- Q.38 Explain the factors that influence immunity.

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