

No. of Printed Pages : 4

Roll No.

121941/31941

4th Sem. / MLT

Subject : Clinical Microbiology - IV

Time : 3 Hrs.

M.M. : 100

SECTION-A

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

- Q.1 _____ is the most commonly used media in a diagnostic mycology laboratory.
- Q.2 Fungal material appears gram _____.
- Q.3 LPCB stands for _____.
- Q.4 Ring worm causes _____.
- Q.5 Acquired immunity is of _____ types,
- Q.6 The full form of EIA is _____.
- Q.7 RA is a chronic disease affecting primarily _____.
- Q.8 VDRL is used in the diagnosis of _____.

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Q.9 Agglutination is _____ sensitive than precipitation.

Q.10 _____ recognize & neutralize the antigens & destroy them.

SECTION-B

Note: Very short answer type questions. Attempt any ten questions out of twelve questions. 10x2=20

- Q.11 Name the different types of media used in fungal culture.
- Q.12 How do you test for the proper working of different media.
- Q.13 Define Antibody.
- Q.14 Define Antigen.
- Q.15 Define Flocculation.
- Q.16 What is ELISA?
- Q.17 Write the clinical significance of widal test?
- Q.18 What is RPR.
- Q.19 Define Fungi.
- Q.20 Define Innate Immunity.

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Q.21 Write two uses of Penicillium.

Q.22 Write the importance of CRP.

SECTION-C

Note: Short answer type questions. Attempt any eight questions out of ten questions. 8x5=40

Q.23 How will you perform RF test.

Q.24 Write the applications of precipitation reaction.

Q.25 Write the principle of widal test.

Q.26 Explain the interpretation of results of ELISA.

Q.27 Explain the structure of Antibody.

Q.28 Write the various properties of Antigen.

Q.29 Explain the difference between innate and Acquired Immunity.

Q.30 Write the general characteristics and isolation of Aspergillus.

Q.31 Write the composition & uses of SDA with and without antibiotics.

Q.32 Explain Kahn test.

SECTION-D

Note: Long answer type questions. Attempt any three questions out of four questions. 3x10=30

Q.33 a) Write the general characteristics of Fungi. (5)

b) Write the principle and procedure of KoH preparation. (5)

Q.34 How many types of ELISA are performed in a clinical laboratory. Explain them.

Q.35 a) Write the characteristics of an antigen - antibody reaction. (5)

b) Classify antibodies. (5)

Q.36 a) Write the general properties of Antigen. (5)

b) Explain the mechanism of Acquired Immunity. (5)

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