

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. 2x8=16

- Q.26 Explain carbohydrate utilization test and methyl red test for identification and differentiate of bacteria's in detail.
- Q.27 Write in detail about the characteristics, distribution and lab diagnosis of Mycobacterium tuberculosis.
- Q.28 Explain in detail about laboratory diagnosis of enteric fever.

No. of Printed Pages : 4

Roll No.

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1st year/ MLT

Subject : Clinical Microbiology

Time : 3 Hrs.

M.M. : 60

SECTION-A

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

- Q.1 Kovac's method is used to identify_____.
- Q.2 Change in colour of culture media from green to yellow in open mouth U-tube shows presence of _____ bacteria.
- Q.3 Treponema pallidum immobilization test is used to detect_____.
- Q.4 Write on example of gram negative bacteria.
- Q.5 Expand CRP.
- Q.6 Diseases caused by blood sucking insects are known as arthropod - borne diseases. (True/False)

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- Q.7 Enteroviruses may cause nosocomial infections. (True/False)
- Q.8 Influenza virus may cause _____ infection.
- Q.9 Enteric fever may be caused by _____ and _____.
- Q.10 Pharyngitis is a respiratory tract infection. (True/False).

SECTION-B

Note:Very short answer type questions. Attempt any five questions out of seven questions. 5x2=10

- Q.11 Write any two characteristics for study and identification of bacteria.
- Q.12 Enlist two disease caused by staphylococcus.
- Q.13 Define Virulence.
- Q.14 Write any two causative organisms of upper respiratory tract infections.
- Q.15 Define nosocomial infection.

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- Q.16 Write examples of any two intestinal infections.
- Q.17 Write any two control measures for prevention of nosocomial infection.

SECTION-C

Note:Short answer type questions. Attempt any six questions out of eight questions. 6x4=24

- Q.18 Write any four colony characteristics for identification of bacteria.
- Q.19 Enlist any four factors which affects antimicrobial sensitivity test.
- Q.20 Describe the characteristics and distribution of pneumococci.
- Q.21 Enlist some causative organisms of nosocomial infection.
- Q.22 Tabulate UTI's and their causative agents.
- Q.23 Describe throat swabs.
- Q.24 Explain various types of infections.
- Q.25 Write a short note on staining techniques for identification of bacteria.

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