

**1st year Branch : DMLT
Subject : Clinical Microbiology**

Time : 3 Hrs.

M.M. : 60

SECTION-A

Note: Multiple Choice Questions. All Questions are compulsory. (6x1=6)

- Q.1 Name the causative agent of cholera disease
a) Pneumococci b) Staphylococci
c) Vibrio d) Mycobacteria
- Q.2 ZN. Stand for _____.
- Q.3 Which is an Acid fast Bacteria.
a) E. Coli b) M. Laprae
c) Proteus d) Sterpto cocci
- Q.4 Explain. STD_____.
- Q.5 Gives the name of Selective media.
- Q.6 Bacterial Capsules is made up of _____.

Section-B

Note: Objective/Completion type questions. All questions are compulsory. (6x1=6)

- Q.7 Bacteria which. Grow in absence of oxygen is known as _____.

- Q.8 The process to kill or Remove all living micro organism is called_____.
- Q.9 Salmonella gives Carbohydrate Utilization test positive. (True/False)
- Q.10 Bacteria can grow b/w 20C-50C is called_____.
- Q.11 Name the test for routine antibiotic sensitivity testing_____.
- Q.12 Flagella is the organ for_____.

Section-C

Note: Short answer type Question. Attempt any eight questions out of Ten Questions. (8x4=32)

- Q.13 Define mode of spread of infection.
- Q.14 Write a short note on Carbohydrate Utilization test.
- Q.15 Gives the procedure of gram staining.
- Q.16 Define the infection caused by Treponeme Pallidum.
- Q.17 Gives any 4 difference b/w gram positive and negative bacteria.
- Q.18 Discuss the processing of sputum sample.
- Q.19 Write down morphology and culture characteristics of Pneumococci.
- Q.20 What are intestinal infections? Define two causative reasons.
- Q.21 Describe different sources of infection.
- Q.22 Explain Cultural characteristics of E. Coli.

Section-D

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

- Q.23 Define antimicrobial sensitivity test.
- Q.24 Write down the biochemical test, morphology, culture, characteristics and Labdiagnosis of Pneumococci.
- Q.25 Explain gastro intestinal tract infection.