

Q.30 Give the lab diagnosis of Wound and skin infections.

Q.31 Give the procedure of collection and transportation of various clinical samples.

Q.32 Give the pathogenicity, microscopy, staining and culture characteristics of Pseudomonas.

### SECTION-D

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

Q.33 What is nosocomial infection. Explain types and control of nosocomial infections.

Q.34 Describe the laboratory diagnosis of Urinary Tract Infections or Gastro intestinal tract infections.

Q.35 Describe the morphology, pathogenic sps, culture, biochemical characteristics and laboratory diagnosis of Mycobacterium or Staphylococcus.

Q.36 Define infection. Explain its types.

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**2nd Sem. / DMLT**

**Subject : Clinical Microbiology-II**

Time : 3 Hrs.

M.M. : 100

### SECTION-A

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

Q.1 Mycobacterium sps are \_\_\_\_\_ bacilli.

Q.2 Syphilis is caused by \_\_\_\_\_.

Q.3 \_\_\_\_\_ media is the selective media for the isolation of Shigella.

Q.4 Meningococcus is caused by \_\_\_\_\_.

Q.5 Scarlet fever is caused by \_\_\_\_\_.

Q.6 VDRL stands for \_\_\_\_\_.

Q.7 S.typhi causes \_\_\_\_\_.

Q.8 \_\_\_\_\_ organism shows darting motility.

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Q.9 The counter stain used in Gram staining is \_\_\_\_\_.

Q.10 \_\_\_\_\_ causes UTI.

### SECTION-B

**Note:** Very short answer type questions. Attempt any ten questions. (10x2=20)

Q.11 Give the full form of -HAI & TSS.

Q.12 Define pathogenicity.

Q.13 Write any 2 safety precaution while working in the microbiology laboratory.

Q.14 What is infection.

Q.15 Define bacteraemia.

Q.16 Give the morphology and gram character of staphylococci.

Q.17 Name the pathogenic species of Proteus.

Q.18 Give any two waterborne diseases.

Q.19 Give the biochemical characteristics E.coli.

Q.20 Name any two sources of infection with example.

Q.21 What is the use of microscope.

Q.22 Name the staining reagents used in AFB stain.

### SECTION-C

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

Q.23 Give the morphology, staining and culture characteristics of Pneumococci.

Q.24 Describe the morphology, culture, biochemical and serological characteristics Treponema .

Q.25 Explain the source of infections.

Q.26 Give the morphology, staining and culture characteristics of Streptococcus.

Q.27 Give the lab diagnosis of sputum.

Q.28 Describe the morphology, pathogenicity, and culture characteristics of E.coli.

Q.29 Explain the morphology and lab-diagnosis of salmonella.

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