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**2nd Sem. / DMLT**  
**Subject : Bacteriology**

Time : 3 Hrs.

M.M. : 60

**SECTION-A**

**Note:** Multiple choice questions. All questions are compulsory (6x1=6)

- Q.1 Typhoid fever is caused by \_\_\_\_\_.  
a) E.COLI                      b) Salmonella  
c) Proteus                      d) None of these
- Q.2 Sample taken for RTI infection is  
a) PUS                          b) Urine  
c) SPUTUM                      d) Blood
- Q.3 Expand E term in E.Coli bacteria.  
a) ENTAMEABA              b) ESCHIRICHIA  
c) Enzyme                      d) All of these

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- Q.4 Gram positive bacteria are \_\_\_\_\_.  
a) Pseudomonas              b) Shigella  
c) Pneumococci              d) E.Coli
- Q.5 \_\_\_\_\_ helps in movement of bacteria.  
a) Pilli                          b) Flagella  
c) Capsule                      d) Spores
- Q.6 Bacilli's shape is \_\_\_\_\_.  
a) Rod                          b) Round  
c) Curve                        d) Comma

**SECTION-B**

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

- Q.7 Define pathogen.
- Q.8 What is the site for CSF collection.
- Q.9 Name the parasite that cause intestinal infection.
- Q.10 Expand STD.
- Q.11 Vibrio cause the \_\_\_\_\_ infection.
- Q.12 Study of bacteria is known as \_\_\_\_\_.

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### SECTION-C

**Note:** Short answer type questions. Attempt any eight questions out of ten questions. (8x4=32)

Q.13 Write down the morphological classification of bacteria.

Q.14 Explain types of infection.

Q.15 Write down any four preventions of Nosocomial infection.

Q.16 Write down any four preventions of RTI.

Q.17 Explain cultural characteristics of E.Coli.

Q.18 Write down morphology of Mycobacterium Tuberculosis.

Q.19 What are the symptoms of enteric fever.

Q.20 Define Nosocomial infection and its mode of spread of infection.

Q.21 What are the causes of wound infection.

Q.22 Write a short note on Vibrio.

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### SECTION-D

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

Q.23 Explain morphology, biochemical test and lab diagnosis of Salmonella bacteria

Q.24 Explain lab diagnosis of Enteric fever.

Q.25 Explain pathogen, mode of spread of infection and prevention of infection in detail.

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