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Roll No. ....

**2nd Sem./Branch : DMLT, (DMLT (For Speech and Hearing Impaired))**

**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 AFB stands for

- a) Acid-fast bacteria
- b) Alcohol Fast Bacilli
- c) Alkaline fast Bacilli
- d) Arsenic fast Bacteria

Q.3 \_\_\_\_\_ helps in movement of bacteria

- a) Capsule                      b) Spores
- c) Flagella                      d) Pilli

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Q.4 \_\_\_\_\_ cause intestinal infection

- a) Virus                              b) Capsule
- c) Parasite                              d) Spores

Q.5 Sample taken for RTI infection is

- a) PUS                              b) SPUTUM
- c) Urine                              d) Blood

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 Expand STD.

Q.8 What is culture media?

Q.9 Define colony.

Q.10 Name the parasite that causes intestinal infection.

Q.11 Define pathogens.

Q.12 Expand VDRL.

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### SECTION-C

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

- Q.13 Explain different types of infection.
- Q.14 Write a short note on vibrio.
- Q.15 Explain cultural characteristics of T.pallidum.
- Q.16 Write down morphology of mycobacterium Tuberculosis.
- Q.17 Define infection. How does it spread in vivo?
- Q.18 Define Nosocomial infection and its mode of spread of infection.
- Q.19 What are the causes of RTI infection?
- Q.20 What are the symptoms of enteric fever?
- Q.21 Write down morphology of staphylococcus.
- Q.22 Explain cultural Characteristics of E.Coli.

### 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 respiratory tract infection.
- Q.25 Explain pathogen, mode of spread of infection and prevention of infection in detail.