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**2nd Semester/ DMLT, DMLT  
(For Speech & Hearing Impaired)  
Subject : Bacteriology/ Clinical Microbiology-II**

Time : 3 Hrs.

M.M. : 60

**SECTION-A**

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

- Q.1 Sample taken for Respiratory tract infection is
- |          |           |
|----------|-----------|
| a) PUS   | b) SPUTUM |
| c) Urine | d) Blood  |
- Q.2 Infection that spreads rapidly over large area of the world is known as \_\_\_\_\_.
- |             |                  |
|-------------|------------------|
| a) Endemic  | b) Sporadic      |
| c) Pandemic | d) None of these |
- Q.3 VIBRIO is \_\_\_\_\_.
- |          |          |
|----------|----------|
| a) ROD   | b) ROUND |
| c) CURVE | d) COMMA |
- Q.4 Syphilis is caused by \_\_\_\_\_.
- |                 |                  |
|-----------------|------------------|
| a) T. Pallidium | b) Salmonella    |
| c) Proteus      | d) None of these |

- Q.5 Nosocomial infection is also known as \_\_\_\_\_.  
 a) Hospital acquired infection  
 b) Home acquired infection  
 c) Acquired infection  
 d) None of these
- Q.6 The optimum temperature for growth of bacteria is \_\_\_\_\_.  
 a) 40°C                      b) 37°C  
 c) 60°C                      d) 45°C

### SECTION-B

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

- Q.7 \_\_\_\_\_ group of bacteria is responsible for Enteric fever
- Q.8 Staphylococci is \_\_\_\_\_ bacteria.
- Q.9 Shigella are \_\_\_\_\_ shaped.
- Q.10 Insects that transmit infection are called \_\_\_\_\_.
- Q.11 Give the example of gram negative bacteria.
- Q.12 Study of Bacteria is known as \_\_\_\_\_.

### SECTION-C

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

- Q.13 Write down classification of nosocomial infection.

- Q.14 Write down morphology of Mycobacterium Tuberculosis.
- Q.15 Explain types of infection.
- Q.16 Write a note on airborne transmission.
- Q.17 Explain morphology of staphylococci.
- Q.18 Write a note on Enteric fever.
- Q.19 Write the lab diagnosis of respiratory tract infection.
- Q.20 Describe the disease caused by E-coil.
- Q.21 Write the control measures of nosocomial infection.
- Q.22 Write a short note on vibrio.

### SECTION-D

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

- Q.23 Explain nosocomial infection and its type of infection in detail.
- Q.24 Explain lab diagnosis of respiratory tract infection.
- Q.25 Explain morphology, biochemical test and lab diagnosis of pseudomonas bacteria.