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181914

**1st Year / MLT**

**Subject : Clinical Micro-Biology**

Time : 3 Hrs.

M.M. : 60

**SECTION-A**

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

Q.1 Study of Bacteria is known as -

- a) Microbiology      b) Serology
- c) immunology      d) Bacteriology

Q.2 Play important Role during Cell division

- a) Pilli      b) Spores
- c) Cytoplasm      d) Mesosome

Q.3 Pneumococci are

- a) Gram +ve      b) Gram -ve
- c) None of there      d) (a) & (b)

Q.4 Gram stain and acid fast stain is an example of

- a) Negative Staining      b) Differential Staining
- c) Simple Staining      d) Special Staining

Q.5 UTI Stand for

- a) Upper tract infaction
- b) Urinary tract infaction
- c) Urine infaction
- d) None of these

Q.6 Which of the following would be a sign of an infection

- |                 |             |
|-----------------|-------------|
| a) Muscle aches | b) Headache |
| c) Fever        | d) Nausea   |

## SECTION-B

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

Q.7 Name the sample for wound infection \_\_\_\_\_

Q.8 Write the Name of two common gram+ve Bacteria

Q.9 Expand AFB \_\_\_\_\_

Q.10 The infection spread by sneezing & coughing is called \_\_\_\_\_

Q.11 Causative Agent of Typhoid is \_\_\_\_\_

Q.12 Name the infection caused by Pneumococci is \_\_\_\_\_

## SECTION-C

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

Q.13 Define morphology & Lab diagnosis of vibrio cholera

Q.14 Describe the procedure of blood collection

Q.15 Define the types of infection

Q.16 Explain disc diffusion technique

Q.17 Write a short note on indole test

Q.18 Write a short note on Albert staining

Q.19 Write a short note on water born infection

Q.20 Write down morphological classification of bacteria

Q.21 Explain various measure for prevention of nosomial infection

Q.22 What are the safety rules for microbiology lab

## SECTION-D

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

Q.23 Explain the morphology staining culture & Biochemical characteristics of salmonella

Q.24 What is STD (Sexually transmitted disease). Define its cause, Lab diagnosis and prevention

Q.25 Explain the causative agent and lab diagnosis of RTI (Respiratory tract infection)