

### SECTION-D

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

Q.23 Discuss in detail antimicrobial sensitivity test.

Q.24 Explain the lab diagnosis of UTI ( Urinary Tract infection)

Q.25 Explain nosocomial infection with its types and how to control it.

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Roll No. ....

**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 Nosocomial infections are those which we get from

- a) Market places                      b) Social gatherings
- c) Hospitals                              d) Schools

Q.2 In Upper RTI, \_\_\_\_\_ sample is collected.

- a) Throat swab                      b) Urine
- c) Sputum                              d) Blood

Q.3 Mycobacterium tuberculosis is caused \_\_\_\_\_ disease.

- a) Typhoid fever                      b) Dysentery
- c) T.B.                                      d) Hypertrophy

Q.4 Culture media is used for the\_\_\_\_\_.

- a) growth of blood cells
- b) growth of animal tissue
- c) growth of micro-organism
- d) all of above

Q.5 Expand VP

- a) Voges Proskauer      b) Methanol red
- c) Very popular Test      d) Vibrio Polio

Q.6 Which is a gram negative bacteria.

- a) Streptococcus      b) E.coli
- c) Pneumococci      d) Staphylococcus

### SECTION-B

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

Q.7 Define pathogenicity?

Q.8 Name two gram positive bacteria.

Q.9 Typhoid fever is caused by\_\_\_\_\_.

Q.10 What types of samples we take for RTI.

Q.11 Write two sources of spread of infection.

Q.12 Staphylococci colonies are\_\_\_\_\_ in morphology

### SECTION-C

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

Q.13 Give the method of collection of urine sample.

Q.14 Write a short note on streptococcus

Q.15 Write down the morphology and cultural characteristics of E.coli.

Q.16 What are the various sources of nosocomial infection?

Q.17 What are the various preventions to stop the infection?

Q.18 Discuss the disc diffusion method.

Q.19 Write a short note on carbohydrate utilization test.

Q.20 Discuss the processing of urine sample.

Q.21 Write a short note on Salmonella.

Q.22 Write down the processing of stool sample for intestinal infection.