



Instructions:

- 1) All questions are compulsory
- 2) Draw diagrams wherever necessary for Question no. 2, 3 and 4.
- 3) Answers of Questions and Sub questions must be written strictly according to the serial order of question paper, otherwise the question shall not be valued
- 4) Do not write anything on the blank portion of the question paper. If written anything, such type of act will be considered as an attempt to resort to unfair means,

2. Long Answer Question

2 X 5 = 10

- a. Discuss the Morphology, cultural characters and pathogenicity of Mycobacterium leprae. Add a note on laboratory diagnosis of leprosy.
- b. Discuss the laboratory diagnosis of typhoid fever.

Q3 Write Short Notes

4 X 3 = 12

- a. Alpha haemolytic streptococci
- b. Pathogenicity of Pseudomonas aeruginosa
- c. Lymphogranuloma venereum
- d. Autoclave

Q4 Write in Brief: -

10 X 1 = 10

- a. Give two examples of transport media
- b. Define sterilization
- c. What is the role of bacterial pili
- d. Name two capsulated bacteria
- e. Enumerate the positive biochemical reactions of Streptococcus pneumoniae
- f. Enumerate complications of gonorrhea
- g. What is the use of formaldehyde in sterilization
- h. Enumerate the bacteria causing urinary tract infection.
- i. Enumerate the bacteria causing meningitis
- j. Give two examples of Zoonotic bacterial diseases.