

Instructions:

- a) All questions are compulsory
- b) Draw diagrams wherever necessary
- c) Answers of Questions and Sub-questions must be written strictly according to serial order of question paper.
- d) Do not write anything on the blank portion of question paper, if written anything such type of act will be considered as an attempt to resort to unfair means

Q1. Long Answer questions

2 X 10 = 20

- 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.

Q2. Short Answer Questions

4 X 5= 20

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

Q3. Very Short Answer Questions

1 X 10= 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 gonorrhoea.
- 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.