

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. Classify various methods of Sterilization with suitable examples.
- b. Describe the morphology, pathogenesis, laboratory diagnosis and prophylaxis of diphtheria.

Q2. Short Answer Questions

4 X 5 = 20

- a. Pathogenesis and laboratory diagnosis of Cholera
- b. Laboratory diagnosis of Syphilis.
- c. Bacterial Flagella
- d. Koch's postulates.

Q3. Very Short Answer Questions

1 X 10 = 10

- a. What is Nosocomial infection?
- b. Pili
- c. Define Mutation
- d. Catalase test
- e. Define Disinfectant
- f. Pneumococcal vaccine
- g. Rat bite fever
- h. BCG vaccines
- i. Transposon
- j. anthreoid bacilli.