

Post Graduate Diploma in Medical laboratory Technology (Semester 1)

MICROBIOLOGY

Sub. Code - 23522

27 FEB 2021

Marks: 42

Q – 1 Define Sterilisation. Write in detail about moist heat sterilisation methods. (14)

OR

Q – 1 Describe morphology of bacterial cell in detail.

Q – 2 write on any TWO (14)

- A. Write in detail about universal safety precautions.
- B. Define Hypersensitivity. Write in detail about Anaphylaxis.
- C. Write pathogenesis and laboratory diagnosis of Salmonella typhi

Q – 3 Write on any SEVEN (14)

- a. Selective culture media
- b. Laboratory diagnosis of fungi
- c. Laboratory diagnosis of HIV
- d. Life cycle of Plasmodium species
- e. Toxins produced by Staphylococcus aureus
- f. Prozone phenomenon and its importance
- g. Bacterial growth curve
- h. Antigenic shift
- i. Agglutination