

PART - B

Attempt any five

10

1. Define Growth.
2. What is the function of Mesosome ?
3. What is the chemical composition of Flagella ?
4. Name two capsule producing bacteria.
5. Define Type strain.
6. Differential v/s selective media.
7. Define :Taxonomy and Nomenclature.

PART - C

Attempt any four.

16

1. Gram negative cell wall.
2. Methods of cell division in bacteria.
3. Types of bacteria on the basis of Temperature.
4. Name different volumes of Bergey's Manual of Systematic Bacteriology.
5. Cell membrane of bacteria.

PART - D

Attempt any four

16

1. Five kingdom concept of Whittaker.
2. Events in sporulation.
3. Modes of action of Alcohols, aldehydes and heavy metals.
4. Nutritional types of bacteria.
5. Draw a labeled diagram of a typical bacterial cell.

PART - E

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Attempt any three.

1. Ultra structure of Flagella.
 2. Types of bacteriological media.
 3. Current status of Bergey's Manual of Systematic Bacteriology.
 4. Various chemicals used for microbial control.
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