

[illegible]

Max. Marks : 60

SECTION-B

- Q2 Explain the laboratory diagnosis of *Mycobacterium tuberculosis*.
- Q3 What is the difference between Gram positive and Gram negative cell wall?
- Q4 Give the culture characteristic of *Pseudomonas*.
- Q5 Explain the laboratory diagnosis for *Mycobacterium tuberculosis*.
- Q6 Discuss the morphology and culture characteristics of *Corynebacterium*.

SECTION-C

- Q7 Write a commonly used method for isolation of pure culture of bacterium.
- Q8 Describe the morphology, pathogenesis and laboratory diagnosis of *Salmonella*.
- Q9 Elaborate on various biochemical reactions used for the identification of bacteria.