

Time: 2 Hours 40 Minutes

Marks: 40

## SECTION-B

Q.No.2: Attempt any ten of the following. All questions carry equal marks.

- i. What are Acyl glycerol?
- ii. Write four function of plasma membrane?
- iii. Differentiate between Peroxisomes and Glyoximes?
- iv. What are inhibitors?
- v. How microorganism brought about alcoholic Fermentation?
- vi. Virus is living or nonliving? Discuss.
- vii. Write short note on "Cyanobacteria"
- viii. Differentiate between pitfall trap and flypaper trap of carnivorous plants.
- ix. What is the main difference between Archaea and bacteria?
- x. Describe the characteristics of Dinoflagellates?
- xi. List the adaptation in plants to cope with low temperature.
- xii. What is interferon? Discuss.
- xiii. Why the normal value of Blood pressure in old age increases?

## SECTION-C

Marks: 27

Attempt any three of the following questions. All questions carry equal marks:

- Q.No.3: Draw and explain life cycle of Moss?
- Q.No.4: Write a detail note on the structure of pancreas along with various function. Also draw labeled diagram.
- Q.No.5: What are plant Growth Harmons? What function do they play for plants growth?
- Q.No.6: Write short comprehensive note on any two of the following:
  - (a). Symptoms, Causes and Treatment of Typhoid fever.
  - (b). Atherosclerosis.
  - (c). Apical Meristem.