

## (Part-I)

"Section - B"Marks: 40

Q-2. Write short answers to any ten (10) of the following parts. All parts carry equal marks:-

- (i) What is cofactors? Give three examples of cofactors.
- (ii) How usage of Bacteriophage in Genetic engineering?
- (iii) Describe "Apicomplexes"?
- (iv) Draw a liable diagram of "Bacterial Cell".
- (v) Write the general character of Basidimycota?
- (vi) Write the general character of subclass "lycopsida".
- (vii) Describe "polymorphism" in coelenterates.
- (viii) What is autonomic Movements? Explain its types.
- (ix) Write the main symptoms of Bulimia Nervosa and Anorexia nervosa.
- (x) What is "Angioplasty"?
- (xi) What is allergy and allergens? List down some common allergic condition.
- (xii) What is chlorophyll? Write their types.
- (xiii) Write the main steps involved in the process of tissue culture?

"Section - C"Marks: 27

Note: Answer any three (3) questions. All questions carry equal marks:-

- Q-3. What is carbohydrate? Write their types and function? (9)
- Q-4. Give an account of the events of Non-cyclic electron pathway. (9)
- Q-5. What is "Inflorescence"? Explain their types with examples. (9)
- Q-6. Write notes on any two of the following. All carry equal marks.
  - (i) Triglyceride. (4.5)
  - (ii) Structure of stomach. (4.5)
  - (iii) Water movement in xylem through (TACT) Mechanisms. (4.5)