

### Section-B(Short questions)

**Note:** Answer any EIGHT of the following question:

- Q.2 Why experiment of necessary for theory?
- Q.3 What are vitamins? Name the various types of vitamins.
- Q.4 Why second phase of Photosynthesis is called dark reaction?
- Q.5 Is mitosis necessary for growth?
- Q.6 Why mitochondria are called power house of the cell?
- Q.7 Name the five kingdoms of classification.
- Q.8 What is binomial nomenclature?
- Q.9 Define hypothesis and observation.
- Q.10 Why species is called smallest taxonomic level?
- Q.11 What is Biology? Define environmental biology?
- Q.12 Why scientific naming of animals is necessary?
- Q.13 What are enzymes?

### Section-C (Descriptive: answer)

**Note:** Answer any TWO of the following question.

- Q.14 Describe effects of malnutrition on human.
- Q.15 Distinguish between Prokaryotes and eukaryotes.
- Q.16 Describe various stages of Mitosis.