

Total No. of Pages : 02

B.Sc. Agriculture (2014 & Onwards) (Sem.-1)

Subject Code : BSAG-106B

Paper ID : [A3296]

Max. Marks : 60

1. **SECTION-A is COMPULSORY** consisting of **TEN** questions carrying **TWO** marks each.
2. **SECTION-B** contains **FIVE** questions carrying **FIVE** marks each and students have to attempt any **FOUR** questions.
3. **SECTION-C** contains **THREE** questions carrying **TEN** marks each and students have to attempt any **TWO** questions.

Q1. Define or briefly describe the following :

- a) Fibrous root.
- b) Petiole.
- c) Geitonogamy.
- d) Vegetative cell.
- e) Axil.
- f) Parthenocarpic fruit.
- g) Cymose branching.
- h) Monoecious.
- i) Phyllotaxy.
- j) Bryophyta.

SECTION-B

- Q2. What are roots? Discuss tap root system.
- Q3. Write a note on dispersal of fruits and seeds.
- Q4. What is pollination? Describe its mechanism.
- Q5. Discuss basic characteristics and significance of floral diagram.
- Q6. Explain the process of fertilization. Draw a diagram of orthotropous ovule.

SECTION-C

- Q7. Write a detailed note on angiosperms and their life cycle.
- Q8. Discuss the diagnostic characteristics and economic importance of leguminosae.
- Q9. Give the internal structure of dicot stem.