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Total No. of Pages: 02

Total No. of Questions: 09

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

BIOLOGY-I

M Code: 72214

Subject Code: BSAG-106B

Paper ID: [A3296]

Time: 3 Hrs.

Max. Marks: 60

INSTRUCTIONS TO CANDIDATES:

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.

SECTION A

1. Define or briefly describe the following:

- a) Vegetative propagation
- b) Entomophily
- c) Dicots
- d) Germination
- e) Self pollination
- f) Bryophyta
- g) Umbel inflorescence
- h) Tap root system
- i) Perennial plant
- j) Stalk

SECTION B

2. Describe the various types of placentation found in flowering plants.
3. Write about stem as an organ of vegetative propagation.
4. Explain and draw the structure of an anatropous ovule.
5. Describe the internal structure of a monocot stem with a suitable diagram.
6. Give the structure and function of floral parts of a plant.

SECTION C

7. Give a broad classification of the plant kingdom.
8. Discuss the seed structure of Gram and its process of germination
9. Discuss the diagnostic characters of Solanaceae.