

**Total No. of Pages : 02**

**B.Sc. Agriculture (2014 to 2018) (Sem.-1)**

**Subject Code : BSAG-106b**

**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. Write short notes on :**

- a. Simple tissues
- b. Phyllode
- c. Sympodial branching
- d. Placentation
- e. Entomophily
- f. Xylem
- g. Economic importance of leguminosae
- h. Apogynous
- i. Adventitious roots
- j. Verticillaster

### SECTION-B

- Q2. Explain the structure of dicotyledonous seed.
- Q3. Make well labeled diagram of monocot stem.
- Q4. Explain diagnostic characters of *Oryza*.
- Q5. Explain Pollination mechanism along with the various agencies.
- Q6. Explain life cycle of biennials.

### SECTION-C

- Q7. Explain the classification of plant kingdom with salient features of each group.
- Q8. Explain different tissues with their functions.
- Q9. Explain fertilization and seed formation with reference to embryo in *capsella*.

**NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.**