



Acc No.

8T57

MCC/18/M.Sc./Sem.-II/ZOO/1

Second Semester Examination-2018

M.Sc. ZOOLOGY

Paper Code: ZOO-204: (CBCS BOT)

Time: 2 Hours

Write the answer for each unit in separate sheet

**Unit -I**

(General Concept on plant kingdom)

1. Answer any two questions from the following: 2×2=4
- a) In which kingdom *Pseudomonas* sp & *Saccharomyces* sp belongs as per five kingdom concept.
- b) Which part of the plant cell contain pectin and phospholipid.
- c) Define Apogamy and Apospory.
- d) Name one each of cell organelle having double membrane and single membrane.
2. Write short notes on (any two): 4×2=8
- a) Vascular tissue.
- b) Five kingdom concept.
- c) Economic importance of Gymnosperms.
3. Answer any one question from the followings: 8×1=8
- a) How Bryophytes differ from Pteridophyte? 4+4  
Discuss five advanced feature of angiosperm.
- b) What is meristematic tissue? Write the different types of permanent tissue in case of plant system. What do you mean by apical and lateral meristem? 1+4+3

(Turn Over)

**Unit –II**

(Economic uses of plant)

- 1. Answer any two questions from the following:** **2×2=4**
- a) Give scientific name of two cereals yielding plants.
  - b) Name one beverage and one dye yielding plants.
  - c) Name the parts of the following plants used for essential oil preparation  
(i) *Citronella* (ii) *Eucalyptus*.
  - d) What is the economic importance of Coriander and Nigella.
- 2. Answer any two questions from the following** **3×2=6**
- a) What is the economic importance of *Adhatoda* & *Ocimum* from medicinal view points?
  - b) Medicinal uses of *Andrographis paniculata*.
  - c) Commercial uses of fossil plant.
  - d) Name two dye yielding plant & from what parts of plants used dye?
- 3. Answer any one question from the followings:** **10×1=10**
- a) Give the common name & medicinal use of given plants. **2½×4=10**
    - i) *Adhatoda*            ii) *Ocimum*
    - iii) *Andrographis*    iv) *Centella*
  - b) Define fibre. Name two fibre yielding plants. Mention the economic importance of plant fibre. **2+3+5=8**

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