

Second Semester Examination-2018**M.Sc. NUTRITION & DIETETICS**

Paper Code: NUD-204: (CBCS BOT)

Full Marks : 40

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 essentials 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 *Aadrographis 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=10a) Give the common name & medicinal use of given plants. 2½×4=10i) *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