

V Semester B.Sc. Examination, November/December 2014  
(Semester Scheme) (O.S.) (Prior to 2013-14)  
**BOTANY (Paper - V)**  
**Taxonomy and Economic Botany**

Time : 3 Hours

Max. Marks : 60

- Instructions :** 1) Answer *all* Parts.  
2) Draw diagrams *wherever* necessary.

PART - A

**B.M.S.C.W**

A. Answer **any six** of the following :

(6x2=12)

- 1) Mention any two rules of Priority.
- 2) Mention any two functions of Botanical gardens.
- 3) What is didynamous condition ? Give an example.
- 4) Mention any two timber-yielding plants.
- 5) Mention any four salient features of family Brassicaceae.
- 6) Differentiate between Bulb and Bulbil.
- 7) What is phylogenetic system of classification.
- 8) What is Regma ? Give an example.

PART - B

B. Describe/Explain **any six** of the following.

(6x4=24)

- 9) Binomial system of nomenclature.
- 10) Outline of Bentham and Hooker's system of classification.
- 11) Verticillaster.
- 12) Key characters of Acanthaceae.
- 13) Multiple fruits.



- 14) Botanical name, family, part used and uses of Sandalwood and pepper.
- 15) Flower of Musa.
- 16) Fruits of Rosaceae.

## PART - C

C. Answer **any three** of the following :

- 17) Give a comparative account of families Verbanaceae and Lamiaceae.
- 18) Give salient features of family orchidaceae and add a note on its economic importance.
- 19) Give a detailed account of Herbarium methodology.
- 20) Give an account of any two medicinal and fibre yielding plants.
- 21) Flora and its importance.

BMSCW