

SN - 262

V Semester B.Sc. Examination, November/December 2014

(Semester Scheme) (NS) (2013-14 & Onwards)

BOTANY (Paper - V)

Taxonomy and Economic Botany

Time : 3 Hours

Max. Marks : 70

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

PART - A

Answer **any seven** of the following :

- 1) What is Binomial nomenclature ? Give an example.
- 2) What are Taxonomic Tools ?
- 3) What is pod ? Give an example.
- 4) What is axile placentation ? Give an example.
- 5) Mention two salient features of the family Musaceae.
- 6) What is artificial system of classification ?
- 7) What is pappus ? Give an example.
- 8) What is Resupination ? Give an example.
- 9) What is Fusiform root ? Give an example.

(7×2=14)

BMSCW

PART - B

Describe/Explain **any six** of the following :

(6×4=24)

- 10) Species concept.
- 11) Key characters of Lamiaceae.
- 12) Broad outline classification of Bentham and Hooker.
- 13) Tendrils of cucurbitaceae.

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- 14) Write the Botanical name, family, part used and uses of Bamboo and Eucalyptus.
- 15) Any two kinds of sugar and starch yielding plants.
- 16) Write a note on Capsule and its types.
- 17) Spikelet of Gramineae.

## PART - C

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

- 18) Give the comparable account of the family Euphorbiaceae/Moraceae.
- 19) Field and Herbarium techniques.
- 20) Give the salient features of the Family Rutaceae.
- 21) Give an account of cereals and millets with two examples each.
- 22) Salient features of International code of Botanical nomenclature.
- 23) Botanical Gardens and their importance.

B.M.S.C.W