



NS – 326

V Semester B.Sc. Examination, November/December 2016
(Repeaters – Prior to 2016 – 17) (NS – 2013 – 14 and 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

A. Answer **any seven** of the following. **(7×2 = 14)**

- 1) Differentiate Axile and Parietal placentations.
- 2) Explain Taxonomic hierarchy.
- 3) Name a Botanical Garden in India and mention its location.
- 4) Define a Lectotype.
- 5) Give two distinguishing features of Monocots.
- 6) Mention two Genera belonging to family Areaceae.
- 7) What are interpetiolar stipules ? Give an example.
- 8) What is Epigyny ? Give an example.
- 9) Give the botanical name of any two fibre yielding plants.

PART – B

B. Describe/explain **any six** of the following. **(6×4 = 24)**

- 10) Salient features of Asclepiadaceae.
- 11) Flora and their importance.
- 12) Role of cytology in Taxonomy.
- 13) Salient features of family Poaceae.

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- 14) Floral characters of Apiaceae.
- 15) Gynobasic style and Carcerule.
- 16) Cyathium.
- 17) Legume and Siliqua.

PART - C

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

(8x4 = 32)

- 18) Give outline classification of Bentham and Hooker and add a note on its merits and demerits.
- 19) Explain field and Herbarium techniques.
- 20) Compare the three subfamilies of Leguminosae.
- 21) List the key characters of Brassicaceae and give its economic importance.
- 22) Mention the Botanical names of any two Timber and two Medicinal plants.
- 23) Give the Botanical names, family, part used and economic uses of Groundnut, Eucalyptus, Sesamum and Cinnamon.

BMSCW

PART - B