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SVS 334 B-2K12

B.Sc. Vth Semester Degree Examination

Botany

**Taxonomy of Angiosperms Economic Botany Plant-Genetic Resource
Management**

Paper - 5.1

Time : 3 Hours

Maximum Marks : 80

Instructions to Candidates :

- i) Answer *all* the Questions.
- ii) Diagrams will enhance the value of answers.

Section - A

I Answer the followings.

(1×15=15)

- 1) Define Taxonomy.
- 2) Expand ICBN.
- 3) What are the Synonyms.
- 4) Write the common name of *Arachis hypogea*
- 5) What is Ex-situ conservation
- 6) Expand CGIAR
- 7) Where do you find *Gynostegium*
- 8) State the nature of stamens in *Cannaceae*
- 9) Write the Botanical name of Mustard
- 10) What is cryopreservation
- 11) Name the family that contains cyathium inflorescence
- 12) Give an example of Narcotic plant
- 13) Write the Botanical name of clove.
- 14) Expand BSI
- 15) What is seed bank.

Section - B

II Answer any **five** of the followings .

(5×5=25)

- 16) Write the distinguishing characters of *Brassicaceae*.

- 17) What are the principles and rules of priority in taxonomy.
- 18) What are Bio-sphere reserves? Mention their components
- 19) List out the differences between ceasalpinaceae and Mimosae.
- 20) What are the beverages? Write the Botanical names and parts used of any two beverages.
- 21) Write the salient features of family Rubiaceae.
- 22) Write a note on origin of Angiosperms.

Section - C

III Answer any **four** of the followings.

(10×4=40)

- 23) Explain the Bentham and Hookers Natural system of classification, List out the Merits and Demerits.
 - 24) Assign the following plants to their respective families, write their Botanical names and mention their economic importance. Wheat, Cinnamomum, cotton, Tea, Neem.
 - 25) Write the salient features of family Aracaceae, mention any five plants with Botanical names.
 - 26) What is in-situ conservation? Explain different methods of in-situ conservation.
 - 27) Write notes on.
 - a) Timber
 - b) Paper and Pulp.
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