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SUBJECT CODE NO:- B- 2057
FACULTY OF SCIENCE & TECHNOLOGY
B.Sc. T.Y. (Sem-VI)
Examination November/December- 2022
Botany Paper- XX
Diversity of Angiosperms – II

[Time: 1:30 Hours]

[Max. Marks:50]

Please check whether you have got the right question paper.

- N.B
1. Attempt all questions.
 2. Draw neat and well-labelled diagrams wherever necessary.
- Q.1 Explain in detail origin and evolution of angiosperms. Add note on Caytoniales theory. 20
- OR
- Write in details herbarium and add a note on its function. 20
- Q.2 Describe in details family Asclepiadaceous up to floral formula and floral diagram. Add a note on Economic importance of any two plants. 20
- OR
- Write short notes on (Any four) 20
- a) Dichotomous Keys.
 - b) Cytotaxonomy.
 - c) Floral characters and floral formula of family Euphorbiaceous.
 - d) Economic importance of family Orchidaceous.
 - e) Merits and Demerits of family Hutchinson's system.
 - f) Floral characters of family Amaranthaceous.
- Q.3 Multiple choice questions. 10
1. The largest herbarium in the world is located at.
 - a) Geneva.
 - b) New York.
 - c) Berlin.
 - d) Kew.

2. The most acceptable type of taxonomic key's used today are.
 - a) Dichotomous.
 - b) Trichotomous.
 - c) Binary.
 - d) None of these.

3. Amentiferae group was considered to be most primitive by
 - a) Bentham & Hooker.
 - b) Takhtajan.
 - c) Engler & Prantl.
 - d) Hutchinson.

4. Which of the following family is characterized by the presence of perianth.
 - a) Asclepiadaceae.
 - b) Liliaceae.
 - c) Verbenaceae.
 - d) Commelinaceae.

5. Hutchison system of classification is _____
 - a) Natural.
 - b) Binomial.
 - c) Artificial.
 - d) Phylogenetic.

6. In serophulariaceae family pollination type observed is _____
 - a) Anemophily.
 - b) Entomophilly.
 - c) Hybrophilly.
 - d) None of these.

7. Lantana camera is an example to family.
- a) Verbenaceae.
 - b) Liliaceae.
 - c) Asclepiadaceae.
 - d) Amaranthaceae.
8. Botanical name of Morning glory is _____.
- a) Ipomia pulchella.
 - b) Ipomia batata.
 - c) Porana paniculate.
 - d) Cyscuta reflexs.
9. Commelinaceae is commonly known as _____ family.
- a) Palm.
 - b) Spider-wort.
 - c) Cattail.
 - d) Lily.
10. Who is author of flora of Marathwada.
- a) M. Sanjappa.
 - b) V. N. Naik.
 - c) D. Karthikeyan.
 - d) D. Laxminarsimhan.