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SUBJECT CODE NO:- B-2042
FACULTY OF SCIENCE & TECHNOLOGY
B.Sc. T.Y. (Sem-V)
Examination November/December- 2022
Elective Paper
Botany Paper- XVI
Diversity of Angiosperms – I

[Time: 1:30 Hours]

[Max. Marks:50]

Please check whether you have got the right question paper.

- N.B
- i) Attempt all the questions.
 - ii) Draw well labelled and neat diagram wherever necessary.
- Q.1 Define biodiversity. Comment on the conservation types of biodiversity you studied. 20
- OR
- What is endemism? Add a note on types of endemism.
- Q.2 Describe in detail family Apiaceae along with important plants of economic importance. 20
- OR
- Write short notes on (Any four)
- a) Agricultural diversity
 - b) Genetic diversity
 - c) Merits and demerits of A.P. de Candolle System.
 - d) Floral characters of Rutaceae
 - e) Comment on Bentham and Hooker's System
 - f) Key characters of Combretaceae
- Q.3 Multiple choice questions. 10
1. World richest biodiversity is located in _____ Nation
- a) India b) Australia c) Brazil d) England.

2. Sacred grooves play vital role in _____.
- a) Conserving rare species b) Soil erosion
c) Environmental awareness d) none of these
3. _____ is one of the hot spot located in India.
- a) Eastern Ghats b) Western Himalayas
c) Peninsular India d) Eastern Himalayas
4. _____ plant is the RET category plant occurring in India.
- a) Argemone maxicana b) Solar Capparis decidua
c) Citrus sinensis d) Nepenthes Khasiana
5. Universal flower is common character of _____ family.
- a) Combretaceae b) Cucurbitaceae c) Rutaceae d) Magnoliaceae
6. Botanical name of water lily is _____.
- a) Nymphaea alba b) Euryale ferox c) Nelumbo Nucifera d) None of these
7. Papaver somniferum is commonly known as _____.
- a) Corn poppy b) Blue poppy c) Opium poppy d) Mexican poppy
8. Fruit type in brassicaceae is
- a) Nat b) siliqua c) Pepo d) Samara
9. _____ is the common fruit type in Rutaceae
- a) Hesperidium b) Cremocarp c) Drupe d) Legume
10. Following family is with primitive characters is _____.
- a) Combretaceae b) Lythraceae c) Magnoliaceae d) None of the above