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SUBJECT CODE NO: - BB-2412
FACULTY OF SCIENCE AND TECHNOLOGY
B.Sc. (CBCGS)(Pattern 2022) T.Y SEM V
Examination November / December 2024
Botany-XVIII A Diversity of Angiosperms-I

[Time: 1:30 Hours]**[Max. Marks:40]**

N. B

Please check whether you have got the right question paper.

- 1) Attempt all questions.
- 2) Draw well labelled and neat diagrams wherever necessary.

Q.1 What is Biodiversity? Write a note on Agricultural diversity

10

Describe in brief.

- a) Endemism and Hot spots
- b) In-situ conservation

OR



Q.2 Describe in detail Bentham and Hooker's system of classification.

10

OR

Describe in brief.

- a) Floral characters of family Nymphaeaceae.
- b) Economic importance of Brassicaceae.

Q.3 Write short notes on (Any Two)

10

- a) Major causes for loss of Biodiversity
- b) Botanic garden
- c) Cyathium Inflorescence

Q.4 Multiple choice Questions.

10

1. A small group of individuals of organisms, which resemble closely in structure as well as function is called _____.
 - a) Species.
 - b) Phylum
 - c) Genus.
 - d) Family.
2. The term 'Biodiversity' was coined by _____.
 - a) Carl Linnaeus.
 - b) Walter Rosen
 - c) Charles Darwin
 - d) George Bentham.

3. Ex-situ conservation includes _____
a) National Park
b) Botanical garden
c) Sanctuary
d) None of these.
4. The concept of Biodiversity Hot spots was first given by _____
a) John Muir
b) Gaylord Nelson
c) Julia Hill
d) Norman Myers.
5. The well-known example of extinction of species due to loss of habitat is _____
a) Monkey
b) Tiger.
c) Cheetah.
d) All of these.
6. The fruit pepo is a characteristic of _____
a) Cucurbitaceae.
b) Amarantha ceae.
c) Myrtaceae.
d) Rhamnaceae.
7. Reticulate multicostate convergent venation is found in _____
a) Amaryllidaceae.
b) Rhamnaceae.
c) Brassicaceae.
d) Portulacaceae.
8. Morphine" drug is extracted from the members of family _____
a) Nympha ceae.
b) Portulacaceae.
c) Myrtaceae.
d) Papavera ceae.
9. In which family, the stamens and pistils in spirals on a conical receptacle _____
a) Papavera ceae
b) Euphorbia ceae.
c) Magnolia ceae
d) Nympha ceae
10. Achyranthus aspera belongs to the family _____
a) Euphorbia ceae
b) Cucurbitaceae.
c) Nympha ceae.
d) Amarantha ceae.

