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SUBJECT CODE NO:-B-2048
FACULTY OF SCIENCE & TECHNOLOGY
B.Sc. S.Y (Sem-III)
Examination November/December- 2022
Botany Paper-VII
Taxonomy of Angiosperms

[Time: 1:30 Hours]

[Max. Marks:50]

N.B “Please check whether you have got the right question paper”
 1) Attempt all questions.

2) Draw neat & well-labeled diagram wherever necessary.

Q.1 Explain in detail salient features of Angiosperms. 20

OR

Explain in detail Taxonomy in relation to Embryology and cytology.

Q.2 Describe in detail family Lamiaceae up to floral formula, floral diagram. Add a note on few plants of economic importance? 20

OR

Write short notes on:

- a) Botanical Gardens of India
- b) Merits and demerits of Bentham and Hooker’s system of classification.
- c) Economic importance of Annonaceae.
- d) Racemose inflorescence.
- e) Papilionaceous corolla.

Q.3 Multiple choice questions: 10

1. Bentham and hooker’s system of classification
 (a) Natural (b) Artificial (c) Phylogenetic (d) All of these
2. Botanical name of chilli is
 (a) Solanum melongena L.
 (b) Capsicum annum L.
 (c) Polyalthia longifolia sonn
 (d) Alizada lebbek L.
3. Oryza sativa L. belongs to family
 (a) Liliaceae (b) Poaceae (c) Malvaceae (d) Brassicaceae
4. Double fertilization is characteristics feature of –
 (a) Angiosperms (b) Gymnosperms (c) Pteridophytes (d) Bryophytes

5. The father of Taxonomy is-
(a) Carolus Linnaeus (b) A.P. de candolle (c) G. Bentham (d) R. Smith
6. The vinca rosea is a
(a) Under shrub (b) Perennial herb (c) Biennial herb (d) None of these
7. The plants of family Poaceae Possesses.
(a) Tap root (b) Branched tap root (c) Adventitious root (d) None of these
8. The leaf extract of-----used to prepare syrup against cough.
(a) Vinca rosea (b) Adhatoda vesica (c) Solanum nigrum (d) None of these
9. Pulses belongs to the family
(a) Fabaceae (b) Poaceae (c) Liliaceae (d) Apocynaceae
10. Botanical name of Potato is-
(a) Solanum nigrum (b) Solanum tuberosum
(c) Lycopersicon esculentum (d) None of these