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SUBJECT CODE NO: - Y-2180
FACULTY OF SCIENCE AND TECHNOLOGY
B.Sc. (PATTERN-2013) (T.Y SEM VI)
Examination April / May - 2024
Botany Paper- XX (A) Diversity of Angiosperms - II

[Time: 1:30 Hours]

[Max. Marks:50]

Please check whether you have got the right question paper.

N.B

1) All questions are compulsory.

Q1 Describe in details Engler & Plantl. Classification system. add note on merits and demerits. **20**

OR

What is botanical garden? Define role of botanic garden and its importance.

Q2 Describe in details family euphorbiaceae upto floral formula & floral diagramme add note on economic importance. **20**

OR

Write a short note on

- 1) Economic importance of family orchidaceae
- 2) Herbarium
- 3) Chemotaxonomy
- 4) Typification
- 5) Modern trends in taxonomy

Q3 Multiple choice questions**10**

- 1) ICBN means
 - a) Indian Code of Botanical Nomenclature
 - b) Italian code of Botanical Nomenclature
 - c) International code of Botanical Nomenclature
 - d) International Botanical Congress Nomenclature
- 2) Central National Herbarium situated at _____

a) Howrah	b) Coimbatore
c) Shillong	d) Pune
- 3) Wools largest Botanical garden situated at _____

a) Kew London	b) America
c) India	d) Netherland
- 4) Cytotaxonomy is study of _____

a) Chromosome	b) DNA
c) RNA	d) MRNA

- 5) Family asclepiadaceae belongs in class
a) Monocotyledones b) Dicotyledones
c) Unisexuales d) None of these
- 6) Family convolvulaceae shows following pollination
a) Hydrophitly b) Anemophilly
c) Entomophilly d) None of these
- 7) Genos Alysicarpus Desv. Belongs in family
a) Fabaceae b) Euphorpiaceae
c) Asclepiadaceae d) Apocynaceae
- 8) Who is author of flora of Marathwada
a) V.N. Naik b) Carl Linnaeus
c) D. Karthikeyan d) J.D. Hooker
- 9) Basic unit of classification
a) Family b) Genus
c) Species d) Order
- 10) Labellum in orchidaceae comes to anterior side by the twisting of the ovary through 180 degree. This process is known as _____.
a) Adnation b) Articulation
c) Resupination d) Attenuation

