

Total No. of Printed Pages: 2

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

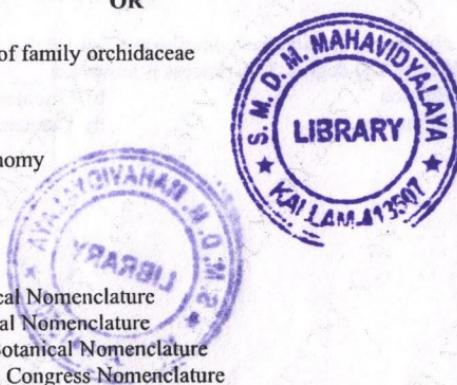
OR

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) Euphorbiaceae
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

