MIDNAPORE CITY COLLEGE ESTD 2017 CENTRAL LIBRARY

2024

2nd Semester Examination (CCFUP : NEP)

BOTANY

Paper : MJ 2-T (Single Core Major)

(Morphology, Anatomy and Plant Taxonomy)

Full Marks : 40 Time : Two Hours

The figures in the margin indicate full marks.
Candidates are required to give their answers in their own words as far as practicable.

Group - A

Answer any ***five*** of the following questions : 2×5=10

1. What is Ochreate stipule? Give an example.
2. Define Floral Give an example formula.
3. Distinguish between Syngenesious and Synandrous stamen. Give an example from each.
4. What is Tyloses? Where is it found?
5. Write scientific name of two economically important plants of Malvaceae.
6. Distinguish between paraphyly and polyphyly.

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7. Write the structure of periderm.

8. What are cladogram and dendrogram?

Group - B

Answer any ***four*** of the following questions : 5×4=20

9. Write short note on different types root-stem transition with example.

10. Draw and describe different types of dry dehiscent fruits with example.

11. Define type specimen? Mention the rules of ICN. 1+4

12. Write the floral characters of Asteraceae.

13. Briefly describe the anomalous secondary growth of *Boerhavia* stem.

14. Describe the different mechanism of fruits and seed dispersal by wind.

Group - C

Answer any ***one*** of the following questions : 10×1=10

15. Briefly describe the Bentham and Hooker's system of classification (up to series) and mention its merits and demerits. 6+4

16. Write short notes on the following :

Concept of Basal angiosperms Eudicots.