

Model Question Paper
Botany-Taxonomy of Angiosperms-Part-III

12th Standard

Biology

Reg.No. :

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I. Answer all the questions.

II. Use blue pen only.

III. Question number 19 is compulsory.

Time : 01:00:00 Hrs

Total Marks : 85

5 x 1 = 5

Part-A

- 1) Which one of the following series includes the epigynous flowers?
(a) Thalamiflorae (b) Disciflorae (c) Inferae (d) Heteromerae
- 2) The family included under the series Unisexuales is
(a) Solanaceae (b) Euphorbiaceae (c) Malvaceae (d) Musaceae
- 3) Solanaceae is placed under
(a) Malvales (b) Polemoniales (c) Unisexuales (d) Ranales
- 4) In which of the following plants the midrib and veins are found with yellowish spines
(a) Solanum melongena (b) Datura metal (c) Solanum xanthocarpum (d) Petunia hybrida
- 5) The Carpels are Obliquely placed in the members of
(a) Malvaceae (b) Solanaceae (c) Euphorbiaceae (d) Musaceae

Part-B

- 6) Describe Datura metal in botanical terms. Draw the floral diagram and write the floral formula.
- 7) Define biosystematics. Briefly write a note on it.
- 8) What is Binomial nomenclature? Give example.
- 9) Write the objectives of classification of plants.
- 10) How is ICBN evolved?

5 x 3 = 15

Part-C

- 11) Briefly explain different types of androecium of members of Fabaceae.
- 12) Give a brief account on economic importance of Rubiaceae.
- 13) Different Disc florets from Ray florets.
- 14) Write a short note on Inflorescence in Asteraceae.
- 15) Give a brief account on economic important of Arecaceae.

5 x 5 = 25

Part-D

- 16) Describe Clitoria ternatea in botanical terms.
- 17) Describe Ixora coccinea in botanical terms.
- 18) Describe Tridax Procumbens in botanical terms.
- 19) a) Describe Musa Paradisiaca in technical terms.

4 x 10 = 40

(OR)

- b) Write the general characteristic features of Malvaceae.
