Model Question Paper
Botany-Taxonomy of Angiosperms-Part-I
12th Standard

Biology

Reg.No. :

I.Answer all the questions.
II.use blue pen only.
III.Question number 17 and 18 are compulsory.

Time : 01:00:00 Hrs

Total Marks : 75

Part-A

5 x 1 = 5

1) Artificial system of classification of plants was proposed by a

(a) British botanist   (b) Swedish botanist   (c) German botanist   (d) Indian botanist

2) Which of the following Classification is a sexual system of calssification ?

(a) Artificial system   (b) Natural System   (c) Phylogenetic system   (d) Natural selection

3) The botanist who introduced binominal system is

(a) Carolus Linnaeus   (b) Gaspard Bauhin   (c) sir Joseph Dalton Hooker   (d) Adolf Engler

4) Genera Plantarum of Bentham and Hooker was Published in

(a) a single volume   (b) two volumes   (c) three Volumes   (d) four Volumes

5) In Bentham and Hooker classification of plants, the present day 'orders' were referred to by them as

(a) Series   (b) Cohorts   (c) orders   (d) families

Part-B

5 x 3 = 15

6) What is cladode? Give an example.

7) What are different types of inflorescence seen in Euphorbiaceae? Give example for each

8) Describe the inflorescence of Ricinus communis

9) Describe the cyathium inflorescence.

10) What is Polygamous? Give an example

Part-C

5 x 5 = 25

11) Write any five salient features of ICBN.

12) Bring out the significance of herbarium.

13) Define bio-sysystematics. Briefly write a note on it.

14) Bring out the merits of Bentham and Hooker's classification of plants.

15) Give a detailed account on economic importance of Malvaceae.

Part-D

3 x 10 = 30

16) Describe Hibiscus rosa-sinensis in botanical terms.

17) a)   Describe Ricinus communis in botanical terms

(OR)

b)   Give an account of the general characteristic features of Euphoriaceae

18) a)   Describe Datura metal in botanical terms.

(OR)

b)   Write the general characteristic features of Solanaceae

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