



Date: 11-04-2019
Time: 01:00-04:00

Dept. No.

Max. : 100 Marks

PART- A

Answer the following, each within 50 words.

(10 x 2=20marks)

1. Define Taxon.
2. Mention any two objectives of Plant Taxonomy.
3. Define valid publication.
4. Write the importance of vasculum.
5. Why Annonaceae is called primitive family.
6. Mention any two distinguishing characters of Caesalpinaceae.
7. Define epipetalous stamen.
8. What is cyathium?
9. Name any four millets.
10. Write the botanical names of coffee and cardamom.

PART- B

Answer the following, each within 500 words. Draw diagrams wherever necessary.

(5 x 7=35 marks)

11. a. Give a brief note on taxonomic hierarchy.

(Or)

- b. Give an account of dichotomous keys.

12. a. Write a note on pressing and drying of plant specimens.

(Or)

- b. Discuss the Rule of priority and typification.

13. a. Give an account on the floral characters of the family Rutaceae

(Or)

b. Write the salient features of the family Cucurbitaceae.

14. a. Differentiate the floral characters of Solanaceae and Lamiaceae.

(Or)

b. Write the floral characters of Orchidaceae.

15. a. Give an account of any three plants used as beverages and timber.

(Or)

b. Give the botanical name, family and uses of: a) Paddy b) Wheat c) Ragi

PART- C

Answer **any three** of the following, each within 1200 words. Draw diagrams wherever necessary.

(3 x 15=45 marks)

16. Give an outline of Bentham and Hooker system of classification.

17. Write an essay on Modern trends in Plant taxonomy.

18. Describe the diagnostic features of the family Caesalpinaceae. Add a note on their economic importance.

19. Describe the salient features of the family Poaceae.

20. Write the botanical name, family, morphology and uses of any three pulses, spices and medicinal plants.

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