

19P330

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Name.....

Reg. No.....

THIRD SEMESTER M.Sc. DEGREE EXAMINATION, NOVEMBER 2020

(CBCSS-PG)

CC19P BOT3 C08 - ANGIOSPERM MORPHOLOGY, TAXONOMY AND PLANT RESOURCES

(Botany)

(2019 Admission Regular)

Time: Three Hours

Maximum: 30 Weightage

I. Answer any **four** questions. Each question carries 2 weightage.

1. Give a brief account of nomenclature of cultivated plants.
2. Compare occurrence and composition of coffee, tea and cocoa.
3. Give scientific names and families of five pulses.
4. All effective publications are not valid – explain.
5. Contribution of D. Candole in botanical nomenclature.
6. Give an account of four timber yielding plants.
7. Explain Cytotaxonomy.

(4 x 2 = 8 Weightage)

II. Answer any **four** questions. Each question carries 3 weightage.

8. Chemical and pharmacognosic properties of five medicinal plants.
9. Explain the concept and application of molecular taxonomy.
10. Give an account of current ideas of origin of angiosperm flower.
11. Give an account of role of pollinators in the evolution of flowers.
12. Give detailed account of typification with examples.
13. Various conditions for rejection of names.
14. Briefly introduce Important three herbaria in India and world.

(4 x 3 = 12 Weightage)

III. Answer any **two** questions. Each question carries 5 weightage.

15. Give a detailed account of origin and evolution of carpels and placentation types - theories and evidences.
16. Give an account of various systems of classification.
17. Give a detailed account of history and various provisions of botanical nomenclature.
18. History, occurrence, use and chemical properties important cereals, millets, spices and condiment yielding plants.

(2 x 5 = 10 Weightage)
