

**19P231**

(Pages: 1)

Name.....

Reg. No.....

**SECOND SEMESTER M.Sc. DEGREE EXAMINATION, APRIL 2020**

(CUCSS - PG)

**CC19P BOT2 C08 - PLANT ECOLOGY, CONSERVATION BIOLOGY,  
PHYTOGEOGRAPHY AND FOREST BOTANY**

(Botany)

(2019 Admissions: Regular)

Time: Three Hours

Maximum: 30 Weightage

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

1. Write a short note on Green house effect.
2. Give an account on productivity and energy flow.
3. Briefly explain vicarism.
4. Explain noise pollution.
5. Write a note on theory of landbridges.
6. Give an account of technique of remote sensing.
7. Explain environment impact assessment.

**(4 x 2 = 8 Weightage)**

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

8. Explain the various patterns of plant distribution.
9. Evaluate the major forest products of Kerala.
10. Enumerate population characteristics.
11. Explain the theory of continental drift.
12. Evaluate the necessity to document threatened plants.
13. Write briefly on the salient features of the ecology of fresh water habitats.
14. Evaluate the limits and processes of primary production.

**(4 x 3 = 12 Weightage)**

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

15. Discuss the different floristic regions of the world.
16. Evaluate the role of biosphere reserves, national parks and wildlife sanctuaries in the conservation of biodiversity.
17. Elucidate various afforestation programmes.
18. Discuss ways in which urban water gets polluted and explain remedial measures to overcome the situation.

**(2 x 5 = 10 Weightage)**

\*\*\*\*\*