

15P231

(Pages: 2)

Name.....

Reg. No.....

SECOND SEMESTER M.Sc. DEGREE EXAMINATION, JULY 2016

(CUCSS - PG)

(Botany)

CC 15P BO2 C07 - PLANT ECOLOGY, CONSERVATION BIOLOGY,
PHYTOGEOGRAPHY & FOREST BOTANY

(2015 Admission)

Time: Three Hours

Maximum: 36 Weightage

I Answer **all** questions briefly:

1. What is ecotone?
2. Explain theory of glaciation.
3. Explain the phenomenon of El-Nino.
4. What are hotspots? Give two examples from India.
5. Differentiate between circumboreal and circumastral distribution.
6. What is Phytochoria?
7. What is Gaia hypothesis?
8. What is Keystone species?
9. What is MAB programme?
10. Explain IUCN.
11. What is Continental drift?
12. What is neoendemism?
13. What is Cryopresevation?
14. Write a note on Wildlife Sanctuary.

(14 x 1 = 14 weightage)

II Answer **any seven** questions each in not more than **100** words:

15. Explain the Environmental Impact Assessment.
16. Differentiate between Socio-forestry and Agroforestry.
17. Explain Evergreen forest.
18. Write a note on theory of land bridges.

19. Explain the consequences of deforestation.
20. Write a note on Deep ecology.
21. Give a brief note on National Parks.
22. Write a note on continuous plant distribution.
23. Describe the characteristics of population.
24. Explain the global trends in primary productivity.

(7 x 2 = 14 weightage)

III Answer **any two** questions in **300** words:

25. Write an account of Phytochoria in India.
26. Give a detailed account of major and minor forest products of Kerala.
27. Explain the sustainable utilization of bio-resources with relevance of biodiversity conservation.
28. Describe the causes, effects and control of air and water pollution.

(2 x 4 = 8 weightage)
