

**17P238**

(Pages: 2)

Name.....

Reg. No.....

**SECOND SEMESTER M.Sc. DEGREE EXAMINATION, MAY 2018**

(Regular/Supplementary/Improvement)

(CUCSS - PG)

(Botany)

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

(2015 Admission onwards)

Time: Three Hours

Maximum: 36 Weightage

I. Answer *all* questions briefly:

1. What is *in situ* conservation?
2. What is La Nina effect?
3. What is agroforestry?
4. What is Confidential drift?
5. Name two biosphere reserves in India.
6. What is Tundra?
7. What is eutrophication?
8. What is a Red List?
9. What is NTFP?
10. What is Ridley's theory of endemism?
11. What is Phytochoria?
12. What is EIA?
13. What is a key stone species?
14. What is the uniqueness of Western Ghats?

**(14 x 1 = 14 Weightage)**

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

15. What are Ramsar sites? Explain their significance by giving examples from Kerala.
16. What are the strategies to be followed in conservation of RET species?
17. Write note on secondary air pollutants.
18. Give a brief account of seed banks.
19. Write a note on afforestation.
20. Explain the concepts carrying capacity.
21. Describe the man- animal conflict in agro ecosystem.

22. Write a note on cryopreservation.
23. List out the salient features of Taiga.
24. Describe the role of ozone depletion in global climate change.

**(7 x 2 = 14 Weightage)**

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

25. Give an account of minor and major forest products of Kerala.
26. Describe the salient feature of forest types in Kerala.
27. Discuss the impact of climate change on agriculture in India.
28. Describe the various programmes under UN with the objective of conservation on natural resources.

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

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