

16P231

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Name.....

Reg. No.....

SECOND SEMESTER M.Sc. DEGREE EXAMINATION, MAY-2017

(Regular/Supplementary/Improvement)

(CUCSS - PG)

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

(Botany)

(2015 Admission Onwards)

Time: Three Hours

Maximum: 36 Weightage

I Answer *all* questions briefly:

1. What is edge effect?
2. What is carrying capacity?
3. What is greenhouse effect?
4. What is Pangea?
5. What is MAB?
6. What is Taiga?
7. What is BOD?
8. What is meant by stratified forest?
9. What is continental drift?
10. What is Ridley's theory of endemism?
11. What is carpet flora?
12. What is EIA?
13. What is circum boreal vegetation?
14. What is a Red List?

(14 x 1 = 14 weightage)

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

15. Give an account on hydrological cycle with emphasis on its role in global economy
16. Enumerate the important population characteristics.
17. Write note on secondary air pollutants
18. Discuss the threats to the fresh water ecosystem.

19. Write a note on dynamics of ecosystem.
20. Write a note on in *situ* conservation.
21. Enumerate the significance of Western Ghats.
22. Write a note on glaciations and its impact.
23. Describe the rainforest with its significance.
24. Describe the minor forest products of Kerala.

(7 x 2 = 14 weightage)

III Answer *any two* questions in 300 words:

25. Explain the impact of deforestation on our environment.
26. Explain the different forest types on earth's surface.
27. Explain the major phenomena that bring about drastic changes in global climate.
28. Describe the relevance of national parks and wild life sanctuaries in conservation.

(2 x 4 = 8 weightage)

14. What is a Red List?

13. What is circum boreal vegetation?

12. What is EIA?

11. What is carpet floor?

10. What is Ridley's theory of endemism?

9. What is continental drift?

8. What is meant by stratified forest?

7. What is BODY?

6. What is Talya?

(14 x 1 = 14 weightage)

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

15. Give an account on hydrological cycle with emphasis on its role in global economy.

16. Enumerate the important population characteristics.

17. Write note on secondary air pollutants.

18. Discuss the threats to the fresh water ecosystem.