

**16P316**

(Pages:2)

Name.....

Reg. No.....

**THIRD SEMESTER M.Sc. DEGREE EXAMINATION, OCTOBER 2017**

(Regular/Supplementary/Improvement)

(CUCSS - PG)

**CC15P ES3 C13 - BIODIVERSITY AND CONSERVATION**

(Environmental Science)

(2015 Admission Onwards)

Time : Three Hours

Maximum : 36 Weightage

**I.** Answer *all* questions. Each question carries **1** weightage:

1. What is a non-renewable resource?
2. Define wetland
3. How is latitudinal variation affect biodiversity?
4. Define biome
5. What is species richness?
6. What is bio-prospecting?
7. Explain landscape fragmentation
8. What are exotic species?
9. IPRs
10. What is population viability analysis?
11. Write note on gene pool?
12. What is tissue culture?
13. Explain eco-tourism
14. Distinguish between sanctuaries and biosphere reserves

**(14 x 1 = 14 weightage)**

**II** Answer *any seven* questions. Each question carries **2** weightage:

15. Write note on community diversity
16. Biodiversity hotspots and their characteristics
17. Write a note on values and threats of mangroves
18. Role of reproductive parameters in conservation of biodiversity
19. Comment on endangered and threatened species with examples
20. Relevance of Red data book
21. WWF
22. Salient features of Wildlife Protection Act
23. Advantages of *in-situ* conservation
24. Explain Grassland ecosystem

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

**III.** Write *an essay on any two* of the following. Each question carries **4** weightage:

25. Write an essay on various ecosystem services and their importance in sustainable development
26. What is Biodiversity? Discuss the different threats to biodiversity
27. Explain the national and international people's movement for biodiversity conservation.
28. Write an essay on the different *Ex-situ* conservation of biodiversity

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

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