18P236   (Pages: 2)   Name:……………………..

Reg. No:…………………..

SECOND SEMESTER M.Sc. DEGREE EXAMINATION, APRIL 2019
(Regular/Supplementary/Improvement)

(CUCSS - PG)

CC15P BO2 C07 / CC18P BO2 C07 - PLANT ECOLOGY, CONSERVATION BIOLOGY, PHYTOGEOGRAPHY AND FOREST BOTANY
(Botany)

(2015 Admission onwards)

Time: Three Hours   Maximum: 36 Weightage

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

   1. What is Biosphere reserve?

   2. Explain IUCN.

   3. What is neoendemism?

   4. What is MAB programme?

   5. Write short notes on Red Data Book.

   6. Write a note on wildlife sanctuaries.

   7. What is Bioremediation?

   8. Write a note on ecotone and edge effect.

   9. Differentiate circumpolar and circumboreal plant distribution.

   10. What is Continental drift?

   11. Explain the phenomenon of El-Nino.

   12. Explain the theory of glaciation.

   13. What are the consequences of industrialization?

   14. What are the minor forest products?

                                            (14 x 1 = 14 Weightage)

II. Answer any *seven* questions in not more than 100 words. Each question carries 2 weightage.

   15. Write a note on over exploitation of natural resources.

   16. Differentiate social forestry and agro forestry with suitable examples.

   17. Explain the major steps of environment impact assessment.

   18. Write a note on cryopreservation and its significance.

   19. Write a note on continuous plant distribution.

20. Explain various threats to global environment.

21. Explain the significance of remote sensing in Ecology.

22. Explain age and area hypothesis.

23. Giving suitable examples explain various features of tropical forest.

24. Explain various methods of primary productivity measurements.

(7 x 2 = 14 Weightage)

III. Answer any *two* questions in about 300 words. Each question carries 4 weightage.

25. Give the salient features of fresh water, wetland and marine habitats.

26. Write an account on Phytochoria of India.

27. Explain population characteristics.

28. Give a detailed account on various types of forests in India.

(2 x 4 = 8 Weightage)

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