

Reg. No.....

Name.....

M.Sc. DEGREE END SEMESTER EXAMINATION NOVEMBER 2017**SEMESTER –1: BOTANY****COURSE: 16P1BOTT03: ECOLOGY AND ENVIRONMENTAL SCIENCE, PHYTOGEOGRAPHY & RESEARCH METHODOLOGY***(Common for Regular 2017 admission and Supplementary 2016 admission)*

Time: Three Hours

Max. Marks: 75

I. Answer **any Eight** of the following; each question carries 2 marks

1. What is Ecology?
2. Define Autecology.
3. Short note on secondary succession.
4. What is an Ecad?
5. Briefly explain the term life table.
6. Define ecospecies.
7. Explain the term nudation.
8. Briefly explain the meaning of Trademarks.
9. Write brief note on patent.
10. Role of IUCN in conservation.
11. Explain the term EIA.
12. Write notes on predation.

(2 x 8 = 16)

II. Answer **any Seven** of the following; each question carries 5 marks

13. Write notes on ecotone and edge effect.
14. Explain the interactions among the populations.
15. Mention the characteristics of ecotypes.
16. Briefly explain bioremediation.
17. Write short note on El-Nino.
18. Explain RET species.
19. Describe the factors affecting distribution.
20. Write short note on vegetation of India.
21. Briefly explain the Universal decimal system of classification of books.
22. Write notes on structure of a scientific paper.

(5 x 7 = 35)

III. Answer **any Two** of the following; each question carries 12 marks

23. Write an essay on quantitative analysis of plant communities.

OR

24. Briefly explain the population characteristics.
25. Write an essay about causes and effect of climate change.

OR

26. Briefly explain the RDB categories and ecosystem services of biodiversity.

(12 x 2 = 24)
