

Reg. No.....

Name..... **P1634**

**M.Sc. DEGREE END SEMESTER EXAMINATION - NOVEMBER
2016**

SEMESTER - 1: BOTANY

**COURSE: 16P1BOTT03: ECOLOGY, ENVIRONMENTAL SCIENCE,
PHYTOGEOGRAPHY &
RESEARCH METHODOLOGY**

Time: Three Hours

Max. Marks: 75

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

1. What is Environmental Science?
2. Define synecology.
3. Explain the term Demecology.
4. Define the term habitat ecology.
5. Write notes on survival rates.
6. Define Coenospecies.
7. Explain the term Ecesis
8. What is copyright?
9. Write brief note on monograph.
10. Short notes on Remote sensing.
11. UNEP.
12. What are endemics?

(2 x 8 = 16)

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

13. Briefly explain the subdivisions of ecology.
14. Write short notes on age distribution.
15. Explain the population dispersal.
16. Short notes on phytoremediation.
17. Write notes on La-Nina.
18. Significance of Keystone species.
19. Importance of Hot spots.
20. Write short note on ecological indicators.
21. Briefly explain the Dewey decimal classification.
22. Write notes on Botanical zones of India.

(5 x 7 = 35)

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

13. Write an essay about the characteristics, origin and kinds of ecotypes.

OR

24. Briefly explain the interactions among populations.

25. Write an essay about basic principles of conservations.

OR

26. Briefly explain any two environmental laws of independent India.

(12 x 2 = 24)
