

Reg. No

Name

18P433**M Sc DEGREE END SEMESTER EXAMINATION - MARCH 2018****SEMESTER 4 : ZOOLOGY****COURSE : 16P4ZOOT15EL ; ENVIRONMENTAL MANAGEMENT AND DEVELOPMENT***(For Regular - 2016 admission)*

Time : Three Hours

Max. Marks: 75

Section A**Answer any 8 (2 marks each)**

1. What is a population?
2. What is ecoremediation?
3. What is image mosaicing?
4. What do you mean by radiometry?
5. What is the significance of environmental planning.
6. Comment on corporate social responsibility.
7. Comment on OHSAS 18001.
8. Describe various types of checklists
9. Briefly explain computer modelling for impact prediction
10. Narrate the history of green revolution in India
11. Comment on 27 - principles
12. Comment on Brundland Commission report

(2 x 8 = 16)**Section B****Answer any 7 (5 marks each)**

13. What is a population? How the exponential growth rate of humans affect the resources and their mangement?
14. Brief on the paradigm shifts in management practises.
15. Which are the major satelite series launched by India?
16. What are the main criteria for image classification?
17. Brief on cost benefit analysis. Add on its advantages and limitations.
18. Briefly explain water foot print and carbon foot print.
19. Enlist various methodologies of EIA process. Elaborate any two
20. Describe the procedure for the environmental clearance process in India
21. Compare the SEA and CIA methods of impact assessment

(5 x 7 = 35)**Section C****Answer any 2 (12 marks each)**

22. Explain environment quality management and different standards.
23. What is disaster management programme? Comment on its strategies and importance

25. Explain the concept and basic needs of sustainable development. Write an account on the constraints and barriers for attaining sustainability.

(12 x 2 = 24)