

Reg. No

Name

M. Sc DEGREE END SEMESTER EXAMINATION- MARCH 2020**SEMESTER 4 : ZOOLOGY****COURSE : 16P4ZOOT15EL : ENVIRONMENTAL MANAGEMENT AND DEVELOPMENT***(For Regular - 2018 Admission & Supplementary 2017/2016 Admissions)*

Time : Three Hours

Max. Marks: 75

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

1. What is eco restoration?
2. What is ecoremediation?
3. What is a supervised image?
4. What do you mean by image classification?
5. Comment on corporate environmental responsibility.
6. Comment on OHSAS 18001.
7. Comment on community based planning.
8. Write briefly on EIA in India.
9. Describe various types of checklists
10. What is green revolution? Who is its proponent?
11. Comment on 'Our Common Future'
12. What is Rio declaration?

(2 x 8 = 16)

Section B**Answer any 7 (5 marks each)**

13. Brief on the Commoner's laws of ecology.
14. What is a population? How the exponential growth rate of humans affect the resources and their mangement?
15. Which are the major satelite series launched by India?
16. What are the main criteria for image classification?
17. Briefly explain community based and regional based planning.
18. Brief on cost benefit analysis. Add on its advantages and limitations.
19. What is EIS? Discuss the type of information found in it
20. What is baseline data collection in EIA process? Describe any one method for it
21. Highlight the advantages and disadvantages of public participation in EIA
22. Define Sustainable Development. Briefly describe the historical emergence of this concept.

(5 x 7 = 35)

Section C**Answer any 2 (12 marks each)**

23. Explain environment quality management and different standards.
24. Briefly explain various types of impact assessment. Comment on the significance of each
25. Analyse industrial revolution as the root cause of modern environmental crisis
26. Explain the concept and basic needs of sustainable development. Write an account on the constraints and barriers for attaining sustainability.

(12 x 2 = 24)