

Reg. No

Name

19P4033

MSc DEGREE END SEMESTER EXAMINATION- MARCH/APRIL 2019

SEMESTER 4 : ZOOLOGY

COURSE : 16P4ZOOT15EL : ENVIRONMENTAL MANAGEMENT AND DEVELOPMENT

(For Regular - 2017 Admission and Supplementary - 2016 Admission)

Time : Three Hours

Max. Marks: 75

Section A

Answer any 8 (2 marks each)

1. What is a paradigm shift?
2. Brief on the management practises for grassland.
3. What is an electromagnetic spectrum?
4. What is NOAA?
5. Define happy planet index.
6. Comment on ISO 14001 family of standards.
7. What is the significance of ecological footprint?
8. Describe Leopald Matrix and comment on its uses
9. What is EIS? Comment on its significance
10. What is meant by participatory environmental management?
11. Comment on 'Our Common Future'
12. What is meant by SDGs? Enlist any four of them

(2 x 8 = 16)

Section B

Answer any 7 (5 marks each)

13. Explain the management practises for coastal areas.
14. Explain the management practises for mining areas.
15. Explain the applications of GIS in enviornmental studies.
16. Explain the process of digital image processing?
17. Comment on different softwares related to resource management.
18. Describe the concepts of ISO 14000.
19. Define EIA. Explain any one method of EIA process
20. What is EMP? Comment on the merits and demerits of it
21. 'Public participation is an unnecessary step in EIA'. Justify this statement
22. Discuss the major imperatives relating Sustainable Development

(5 x 7 = 35)

Section C

Answer any 2 (12 marks each)

23. Write an essay on different types of environmental models.
24. Briefly explain various types of impact assessment. Comment on the significance of each
25. Write an essay on Green revolution and comment on its environmental impacts
26. Write an essay on various UN conferences on sustainable development

(12 x 2 = 24)