

Reg. No .....

Name .....

18P408

**M Sc DEGREE END SEMESTER EXAMINATION - MARCH 2018****SEMESTER 4 : ZOOLOGY****COURSE : 16P4ZOOT13EL ; ENVIRONMENTAL SCIENCE - CONCEPTS AND APPROACHES****(For Regular - 2016 admission)**

Time : Three Hours

Max. Marks: 75

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

1. Differentiate between epigean and hypogean waters
2. How pH can influence aquatic life?
3. What is *albedo*?
4. What is 'climate change'?
5. Comment on the oceanic influence on monsoons.
6. Comment on landscape processes
7. Comment on the different phases of land degradation
8. Define 'Productive use value' of biodiversity
9. Define 'Quasi-option value' of biodiversity
10. Comment on the importance of CRZs in India
11. What are the characteristics of biomes?
12. Define invasive species

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

13. Comment on different types of faults in rocks
14. Comment on sea floor spreading and continental drift
15. Discuss the effects of climate change on human welfare
16. Comment on the impact of salinisation on soils
17. Comment on mobile links
18. Write notes on UNCSD 2012
19. Write notes on CITES
20. Write notes on Coastal Regulation Zone (CRZ) Notification
21. Describe the 'Theory of Island Biogeography'
22. Discuss the impacts of exotics on productivity

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

23. Essay on weathering and soil formation
24. Essay on climate change and its effects on ecosystems and human welfare. Include a description of *El nino and La nina*

25. Give an account of the strategies for biodiversity conservation
26. Give an account of restoration ecology

**(12 x 2 = 24)**