

**B.Sc. DEGREE END SEMESTER EXAMINATION OCTOBER 2017****SEMESTER –5: ZOOLOGY (CORE COURSE)****COURSE: 15U5CRZOO06: ENVIRONMENTAL BIOLOGY, TOXICOLOGY AND DISASTER****MANAGEMENT***(For Regular 2015 admission)*

Time: Three Hours

Max. Marks: 60

**Instructions:**

1. Time allotted for the examination is 3 Hours
2. Answer **all** questions in part A. Answer **any 6** questions from part B, **any 4** from part C and **any 2** from part D.

**PART A**

1. What are benthos?
2. Enumerate the features of Tundra.
3. What is topple?
4. Expand UNFCC and UNEP.
5. Differentiate between continental slope and continental shelf.
6. Define PPT.
7. Write any two limitations of wind energy.
8. What is savannah?

(1 x 8 = 8)

**PART B**

9. What is botulism?
10. Mention adaptations of lentic animals.
11. List out some mitigatory measures of tsunami.
12. Explain the ecological importance of wetlands.
13. Write notes on mercury toxicity.
14. Explain carbon trading.
15. Give a brief account on IPCC.
16. Mention some advantages of biomass energy

(2 x 6 = 12)

**PART C**

17. Explain adaptations of desert animals.
18. Briefly describe the ramsar sites of kerala.
19. Give an account of the various energy conservation measures.
20. What are the adverse effects of global warming.
21. Describe the terms emergency, hazard, risk, and vulnerability of a diaster
22. Evaluate the toxicity of food additives .

(4 x 4 = 16)

**PART D**

23. Describe intertidal zone.
24. Write an essay on different types of electronic waste and its management.
25. Give an account of freshwater pollution.
26. Write a detailed account on forest biome.

(12 x 2 = 24)

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