

B. Sc. DEGREE END SEMESTER EXAMINATION - OCTOBER 2019**SEMESTER –5: ZOOLOGY (CORE COURSE)****COURSE: 15U5CRZOO06: ENVIRONMENTAL BIOLOGY, TOXICOLOGY AND DISASTER MANAGEMENT***(Common for Regular 2017 Admission & Improvement 2016/Supplementary 2016 /2015 Admissions)*

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**Answer all questions**

1. Name the fungus which produce aflatoxin.
2. Define synecology.
3. What do you mean by cryoseism?
4. What is Taiga?
5. Define algal bloom.
6. Comment on cyclone.
7. List any four means for mitigating drought.
8. What do you mean by watershed?

 $(1 \times 8 = 8)$ **PART B****Answer any Six questions**

9. Write note on food anaphylaxis.
10. Comment on idiosyncrasy.
11. Explain carbon trading.
12. Give an account on Kyoto protocol.
13. What do you mean by Ramsar site? Name the Ramsar sites of Kerala.
14. Mention the ecological significance of wetlands.
15. Give a brief account on classification of fresh water habitats.
16. Classify disaster and give example for each class.

 $(2 \times 6 = 12)$ **PART C****Answer any Four questions**

17. Comment on the mechanism of the toxic actions of aflatoxin.
18. Describe the thermal stratification of a lake.
19. Explain green house effect.
20. Write on the ecological importance of tourism.
21. List the major types of e-wastes and explain their environmental impact.
22. What is disaster management cycle? Explain.

 $(4 \times 4 = 16)$ **PART D****Answer any Two questions**

23. Describe pollution due to plastic and its management strategies.
24. Write an essay on interspecific interactions.
25. Explain the causes of land degradation with special reference to Kerala.
26. Write an essay on zonation of marine habitat.

 $(12 \times 2 = 24)$