

**D. K. M. COLLEGE FOR WOMEN (AUTONOMOUS), VELLORE-1****SEMESTER EXAMINATIONS****JUNE - 2022****19CZO6A****ENVIRONMENTAL BIOLOGY****Time: 3 Hours****Max. Marks: 75****SECTION – A (10 x 2 = 20)****Answer ALL the questions.****Define / Explain the following:**

1. Synecology.
2. Pedogenesis.
3. Food web.
4. Energy pyramids.
5. Benthic.
6. Estuarine.
7. Permitted noise levels.
8. Non biodegradable waste.
9. Name two biosphere reserves in Tamilnadu.
10. Wild life sanctuaries.

**SECTION – B (5 x 5 = 25)****Answer ALL the questions.**

11. (a) Give four natural conditions which contributes to the development of soil profile.

(Or)

- (b) Write a short notes on water as medium for life.

12. (a) Describe intra and inter specific animal relationship.

(Or)

- (b) Discuss the Gause's Law.

13. (a) Comment on the concepts of Ecosystem.

(Or)

- (b) Explain about ecological succession.

14. (a) Write a short notes on thermal pollution.

(Or)

- (b) Write a short notes on E- waste.

15. (a) Write a short notes on global warming and greenhouse gases.

(Or)

- (b) Write a short notes on aim of IUCN.

**SECTION – C (3 x 10 = 30)****Answer any THREE of the following questions.**

16. Enumerate the various types soil and soil profile.
17. Write an essay on Nitrogen cycle.
18. Discuss the adaptation of animals in mangrove and forest ecosystem.
19. Discuss the impacts industrial effluent discharge into river and other water bodies.
20. Discuss about the wildlife management programs implemented in India.