

**D.K.M. COLLEGE FOR WOMEN (AUTONOMOUS), VELLORE-1**  
**SEMESTER EXAMINATIONS**  
**APRIL – 2019**  
**ENVIRONMENTAL BIOLOGY**

15CZO6A

**Time : 3 Hrs****Max. Marks : 75****SECTION-A (10 x 2 = 20)****Answer ALL the questions.**

Define / Write short notes for the following.

1. Autecology.
2. Synecology.
3. Pressure gravity.
4. Humidity.
5. Colony formation.
6. Gause's principle.
7. Natality.
8. Ecotone.
9. Deforestation.
10. Urbanization.

**SECTION-B (5 x 5 = 25)****Answer any FIVE of the following questions.**

11. Explain about the macro environment influence on animals.
12. Write notes on the properties and forms of water.
13. List out the thermal adaptations in animals.
14. Add a note on the impact of light on the life of organisms.
15. Write about the social organization with examples.
16. What are the types of intra specific animal association?
17. Write a note on renewable and non renewable resources.
18. Explain briefly on the role of governmental agencies for environmental monitoring.

**SECTION-C (3 x 10 = 30)****Answer ALL the questions.**

19. (a) What is soil? Describe its formation, morphology and profile.

(Or)

(b) Write an essay on shelford's law of tolerance.

20. (a) Describe about the nitrogen and phosphorus biogeochemical cycles with suitable examples.

(Or)

(b) Explain in detail about ecological succession.

21. (a) Explain about the types of pollution.

(Or)

(b) Discuss about the sanctuaries and National parks in India.

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