

**D.K.M. COLLEGE FOR WOMEN (AUTONOMOUS), VELLORE – 1****SEMESTER EXAMINATIONS**

APRIL – 2016

RZO6A

***ENVIRONMENTAL BIOLOGY AND EVOLUTION***

Time: 3 Hrs

Max. Marks: 75

**SECTION – A (10 X 2 =20)****Answer ALL the questions.****Define / Explain the following.**

1. Abiotic Factors.
2. Ecology.
3. Predation.
4. Mutualism.
5. Population.
6. Dispersion.
7. Urbanization.
8. Minamata.
9. Mimicry.
10. Speciation.

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

11. Write about the branches of ecology.
12. Write notes on Pedogenesis.
13. Write notes on Shelford's law.
14. Explain about the Commensalism.
15. Discuss about the Natality.
16. Describe the regulation of population density.
17. Explain the deforestation.
18. Discuss about the Lamarckism.

**SECTION – C (3 X 10 =30)****Answer ALL the questions.**

19. a) Write detailed notes on the Soil profile.

(Or)

b) Explain about the Intra - specific and Inter - specific Animal Associations with any two examples for each.

20. a) Write the age distribution and growth of the population.

(Or)

b) Explain about the Renewable and Non - renewable resources.

21. a) Discuss about the Global warming.

(Or)

b) Write about the Evolution of man.

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