

**C. ABDUL HAKEEM COLLEGE (AUTONOMOUS),  
MELVISHARAM - 632 509.  
SEMESTER EXAMINATIONS, APRIL - 2018**

**B.Sc., ZOOLOGY**

**SEMESTER VI**

**U14MZL601 – ENVIRONMENTAL BIOLOGY**

Time: Three Hours

Maximum: 75 Marks

**SECTION - A (10 X 2 = 20 Marks)**

**Answer ALL Questions.**

Define/Explain the following:

1. Synecology.
2. Weathering.
3. Thermal migration.
4. Law of tolerance.
5. Denitrification.
6. Predation.
7. Natality.
8. Ecotone.
9. Urbanization.
10. Acid rain.

**SECTION - B (5 X 5 = 25 Marks)**

**Answer ALL Questions.**

11. a) Write a detailed account on micro and macro environment.

(Or)

- b) Comment on various types of soil and add a note on soil formation.

12. a) Write a short note on thermal stratification.

(Or)

- b) Briefly explain the role of light in the environment.

13. a) Give a brief account on nitrogen cycle.

(Or)

- b) Distinguish between commensalism and mutualism.

14. a) Write a short note on the age distribution.

(Or)

- b) Give an account on the Project Tiger.

15. a) Explain the causes of population explosion.

(Or)

- b) Discuss the role of government agencies in environmental monitoring.

**SECTION - C (3 X 10 = 30 Marks)**

**Answer ANY THREE Questions.**

16. Write an essay on the soil profile.

17. Give a brief account on the biosphere.

18. Write a detailed account on the phosphorous cycle.

19. Write an essay on the wild life conservation.

20. Discuss the relationship between poverty and environmental degradation.

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