

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

B.Sc., ZOOLOGY

SEMESTER VI

U15MZL601 – ENVIRONMENTAL BIOLOGY

Time: Three Hours

Maximum: 75 Marks

SECTION - A (10 X 2 = 20 Marks)

Answer **ALL** Questions.

1. Autecology.
2. Hard Water.
3. Lithosphere.
4. Humidity.
5. Food web.
6. Commensalism.
7. Ecotone.
8. Sanctuaries.
9. Deforestation.
10. Earth summits.

SECTION - B (5 X 5 = 25 Marks)

Answer **ALL** Questions.

11. a) Write notes on micro and macro environment.

(Or)

b) Explain various properties of water.

12. a) Comment on 'Light as a limiting factor'.

(Or)

b) Discuss about Shelford's law of tolerance.

13. a) Write notes on energy flow and energy pyramids.

(Or)

b) Describe about interspecific competition.

14. a) Write notes on Definition and characteristics of population growth forms.

(Or)

b) Discuss about the various National parks of India.

15. a) Justify the relationship between poverty and environmental degradation.

(Or)

b) Comment on the various types of Environmental Pollution.

SECTION - C (3 X 10 = 30 Marks)

Answer **ANY THREE** Questions.

16. Comment on the various soil groups of India.
17. '*Temperature as a limiting factor*' - Discuss.
18. Write an essay on the role of Bio-geochemical cycles in environment.
19. Describe about natural resources management.
20. Comment on the role of governmental agencies in environmental monitoring.
