

18. (a) What is the impact of global warming on climate and living organisms?

Or

- (b) Write an essay on the problem of environmental pollution and its control methods.
19. (a) Give an account on the common threatened taxa of India.

Or

- (b) Write an essay on the major ecosystem types of the world.
20. (a) Write an essay on the biodiversity conservation in India.

Or

- (b) Write a detailed account on the People's movements for Biodiversity conservation.

Reg. No. :

Code No. : 7204

Sub. Code : C 41 B

M.Sc. (CBCS) DEGREE EXAMINATION, APRIL 2013.

Fourth Semester

Botany

ENVIRONMENTAL BIOLOGY

(For those who joined in July 2008–2011)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 1 = 10 marks)

Answer ALL questions.

1. Ecotone.
2. Edge effect.
3. Endangered species.
4. Climax vegetation.
5. Pollen allergies.
6. ISO.
7. IUCN.



8. Project Tiger.
9. 'Sthalavrikshas'.
10. NBPGR.

PART B — (5 × 5 = 25 marks)

Answer ALL questions, choosing either (a) or (b).

11. (a) Write brief note on Natality.

Or

- (b) Explain the methods of productivity measurement.

12. (a) Explain why should wild life of India be protected.

Or

- (b) How waste can be used as renewable source of energy?

13. (a) Explain acid rain fall.

Or

- (b) What is air pollution? How it affects the biota?

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14. (a) Write any two methods for assessing genetic diversity.

Or

- (b) Write brief note on red data book.

15. (a) Differentiate on-site and off-site conservation.

Or

- (b) Write short notes on seed bank.

PART C — (5 × 8 = 40 marks)

Answer ALL questions, choosing either (a) or (b).

16. (a) Write an essay on the Forest Biomes.

Or

- (b) Discuss that in what way a population is a self-regulating system.

17. (a) Write an essay on the Forest resources in India.

Or

- (b) Explain renewable resources and their utilization methods.

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