**Reg. No. \_\_\_\_\_\_\_\_**

**Karunya University**

**(Karunya Institute of Technology and Sciences)**

(Declared as Deemed to be University under Sec.3 of the UGC Act, 1956)

**Supplementary Examination - June 2011**

**Subject Title: ENVIRONMENTAL STUDIES Time: 3 hours**

**Subject Code: 09CH201 Maximum Marks: 100**

#### **Answer ALL questions**

**PART – A (10 x 1 = 10 MARKS)**

1. Mention any two advantages of dams.

2. Give two examples for endangered animals.

3. Name any two natural sources of air pollution.

4. What is Kyoto protocol?

5. The reduction in brightness of the famous Taj Mahal is due to \_\_\_\_\_\_\_\_.

6. The unit by which noise intensity is measured is called­­­­­­­­­­­­­­­­­­ \_\_\_\_\_\_\_\_.

7. What is the main aim of wild life act?

8. What do you mean by polluter pays principle?

9. Mention any two preventive measures for HIV infection.

10. What do you mean by “birth rate”?

**PART – B (5 x 3 = 15 MARKS)**

11. What is biomagnification?

12. Write a note on polychlorinated biphenyls.

13. What are the effects of thermal pollution?

14. Discuss the objectives of creating public awareness regarding environment.

15. What is a water shed? List out the objectives of water shed management.

**PART – C (5 x 15 = 75 MARKS)**

16. a. Explain the indirect uses of forests. (7)

b. Discuss about the structure of an ecosystem. (8)

(OR)

17. a. Explain any three techniques used for harnessing solar energy. (5)

b. Outline the methods involved in biodiversity conservation. (10)

18. a. Explain any four methods of controlling air pollution. (10)

b. What are the effects of ozone layer depletion? (5)

(OR)

19. a. Discuss the adverse effects of air pollution in detail. (10)

b. Write short notes on acid rain. (5)

20. a. Explain the techniques adopted in treating waste water. (10)

b. What are the causes of marine pollution? (5)

(OR)

21. a. What is radioactive pollution? How it can be controlled? (5)

b. Explain the 5 R’s adopted in solid waste management. (10)

[P.T.O]

22. a. Briefly discuss the methods adopted for propagating public awareness about environment.

(5)

b. Discuss about the objectives and key provisions of biodiversity act. (10)

(OR)

23. a. Outline the features of forest conservation act. (5)

b. What do you mean by precautionary principle? (4)

c. Describe the salient features of air pollution act. (6)

24. a. Discuss the various methods used for water conservation. (10)

b. List the problems attributed to sustainable development. (5)

(OR)

25. a. Write short notes on earthquakes. (8)

b. Outline the causes of population growth in India. (7)