

**B.Tech. AEROSPACE ENGINEERING
(BTAE)**

**Term-End Examination
December, 2015**

BAS-021 : ENVIRONMENTAL SCIENCE

Time : 3 hours

Maximum Marks : 70

Note : Answer any **ten** questions. All questions carry equal marks.

1. How can public awareness help in conservation of environment? Explain with the help of suitable examples. 7
2. Discuss the environmental impacts of river valley projects. 7
3. What do you understand by biosphere reserves? What is their role? Describe some biosphere reserves. 7
4. What are the main causes of solid waste pollution? Discuss integrated solid waste management. 7

5. What are the main problems faced in the rehabilitation of people affected in irrigation projects ? 7
6. Discuss the global nuclear energy scenario. Explain its environmental impact. 7
7. What do you understand by productivity of the ecosystem ? Discuss its types. 7
8. What do you mean by sustainable development ? Discuss the objectives and challenges of sustainable development. 7
9. Explain the effects of transportation on the environment. 7
10. Discuss the role of government in environmental protection. 7
11. Discuss the population explosion in the Indian context. What are the various reasons for population explosion in India ? How can population growth be slowed down ? 7
12. What is the Greenhouse effect ? What is its importance to global climate ? 7