

**B.Tech. (AEROSPACE ENGINEERING)
(BTAE)****Term-End Examination****December, 2013****BAS-021 : ENVIRONMENTAL SCIENCE***Time : 3 hours**Maximum Marks : 70*

-
- Note :* (i) Answer **any seven (7)** questions.
(ii) All questions carry **equal** marks.
-

1. (a) What is environmental education ? What is its impact on human society ? 5
(b) What steps do you suggest to keep environment more protected ? 5
2. (a) "Forest as a renewable resource". Justify with suitable examples. 3
(b) What are the functions of forest and problems of deforestation ? 4
(c) What are the methods to prevent deforestation? 3
3. Briefly explain the following (**any two**) : 2x5=10
(a) Solar energy
(b) Land as a resource
(c) Acid Rain
4. Write short notes on (**any two**) : 2x5=10
(a) Ecological Succession.
(b) Food chain and Food webs.
(c) Depletion of ozone layer.

5. What is biodiversity ? Explain biodiversity at various levels. 10
6. What is water pollution ? Discuss underlying causes and remedies. 10
7. Discuss the following.
- (a) Solid Waste Management. 5
 - (b) Problems and concerns with resettlement and rehabilitation of affected people due to construction of dams. 5
8. What are the problems associated with consumerism and waste products? Discuss the role play of 3R principle. 10
9. (a) Explain Insitu and exsitu conservation of biodiversity. 5
- (b) Discuss the environmental problems associated with mining. 5
10. Write short notes on (any two) : 2x5=10
- (a) Rain water harvesting.
 - (b) Characteristics of hazardous waste.
 - (c) Global Warming.
-