

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

Term-End Examination

00013

June, 2018

BAS-021 : ENVIRONMENTAL SCIENCE

Time : 3 hours

Maximum Marks : 70

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

1. What is environment ? What are the various segments of environment ? 7
2. Explain 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
3. Discuss water-borne and water-induced diseases with the help of suitable examples. 7
4. Discuss the structure and functions of an ecosystem. Also explain the different types of food chains with examples. 7
5. Discuss the causes and effects of deforestation. 7

6. Describe the causes and effects of solid waste. Enumerate the different solid waste disposal methods. 7
7. Explain the effects of housing activities on the environment. 7
8. What are the effects of automobile pollutants on human beings and plants ? 7
9. Explain in detail the effects of industry and mining on environment. 7
10. Discuss the types of natural resources with examples in detail. 7
11. What is the Greenhouse effect ? What is its importance to global climate ? 7
12. Write short notes on any **two** of the following : $2 \times 3 \frac{1}{2} = 7$
 - (a) Depletion of ozone layer
 - (b) Role of Information Technology in environment management
 - (c) Catalytic converters for motor vehicle exhaust
 - (d) Marine pollution and its effects