

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

Term-End Examination

June, 2015

00066

BAS-021 : ENVIRONMENTAL SCIENCE

Time : 3 hours

Maximum Marks : 70

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

1. Describe the roles, responsibilities, accountability and authority with respect to implementation of OHSAS-18001 and ISO-14001. 7
2. What are the main causes of water pollution ? How can water pollution be controlled ? 7
3. What is noise pollution ? Discuss the sources and effects of noise pollution. How can noise pollution be controlled ? 7
4. What do you understand by ecosystem ? Describe the various components of an ecosystem, giving suitable examples. 7
5. Discuss the causes and effects of Global warming. 7
6. What is meant by a zero-level safety environment as applicable to aircraft ? Do you feel our society can achieve it ? Explain. 7

7. What is environment ? Discuss its components. 7
 8. Discuss the salient features of The Environment (Protection) Act, 1986. 7
 9. Explain the effects of housing activities on the environment. 7
 10. What are the effects of automobile pollutants on human beings and environment ? 7
 11. Describe the various renewable sources of energy. 7
 12. Discuss the causes and effects of deforestation. 7
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