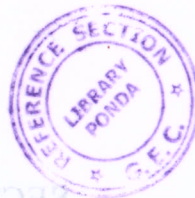




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SEM 2 – 6 (RC)

F.E. (Semester – II) (Revised in 2007-08) Examination, November 2010
ENVIRONMENTAL AND SOCIAL SCIENCES

Duration : 3 Hours

Total Marks : 100

Instructions : 1) Answer **any four** questions.

2) **One** question from **each** Module must be answered.

SECTION – I

Module – I

1. a) Enlist and discuss the causes of Land Degradation. Explain how it can be mitigated. 10
- b) Write short notes on : 10
 - i) Impact of mining activities
 - ii) Impact of timber extraction.
- c) Give the salient features of Grassland Ecosystem. 5
2. a) Discuss the merits and demerits of constructing Dams. 10
- b) Describe the various types of Ecological pyramid. Which type of Ecological pyramid is always upright ? 10
- c) Describe the role of an individual in conservation of natural resources. 5

Module – II

3. a) Describe the various sources of air pollution. 10
- b) Discuss the phenomenon of Greenhouse Effect and its control measures. 10
- c) Enlist various measures to control noise pollution. 5
4. a) What is solid waste ? Describe the various measures taken to manage solid waste. 10
- b) What is marine pollution ? Enlist and explain the causes of marine pollution. 10
- c) What is CPCB ? State the different functions of CPCB. 5

P.T.O.



SECTION – II

Module – III

5. a) What is meant by Personality ? Explain with the help of Sigmund Freud's Theory of Personality. 7
- b) What are the different stressors experienced by college students ? Compare and contrast the coping mechanisms used by optimistic and pessimistic students. 8
- c) Write short notes on **any two** : 10
- Defense mechanisms
 - Goal setting theory of motivation
 - Coercion and conversion.
6. a) Define the term Responsibility. How can the modern youth become socially responsible ? 10
- b) Do you think that Indian women in urban areas are better empowered in comparison with their rural sisters ? Discuss with reference to the different aspects of empowerment. 8
- c) Enlist any six Netiquettes which need to be followed and explain the benefits one gains from them. 7

Module – IV

7. a) Explain the term Religious Tolerance. Discuss its importance with reference to the consequences of Religious Intolerance. 10
- b) Define the term 'Culture'. Describe any five characteristics of culture. 10
- c) Write a short note on the importance of education. 5
8. a) 'The world today is moving towards becoming a Global Village'. Explain the sentence with reference to the phenomenon of Globalisation and give relevant examples. 10
- b) Explain the following terms (give relevant examples) : 9
- Multiculturalism
 - Enculturation
 - Cultural Diffusion.
- c) 'Student counseling is the need of the hour'. Do you agree with this statement ? Justify your answer. 6