



SEM 2 – 6 (RC 07-08)

F.E. (Sem. – II) Examination, May/June 2010
ENVIRONMENTAL AND SOCIAL SCIENCE
(RC in 2007 – 08)

Duration : 3 Hours

Total Marks : 100

Instruction : Answer total **four** questions and **one** question is compulsory from **each** Module.

SECTION – I
(Environmental Science)

MODULE – I

1. a) What do you understand by the term environment ? What is the scope of environmental science ? Why there is need for public awareness for environment education ? 8
- b) What are the effects of timber extractions ? 8
- c) Write detailed notes on the following (**any one**) :
 - i) Role of an individual in conservation of natural resources. 9
 - ii) Environmental effects of extracting and using mineral resources. 9
2. a) Explain the concept, structure and function of an ecosystem. 8
- b) What are the benefits and problems of dam ? 9
- c) Write detailed notes on the following (**any one**) : 8
 - i) Food webs
 - ii) Pond ecosystem
 - iii) Reasons of deforestation.

MODULE – II

3. a) Write a detailed note on the effect of air pollution on human beings, plants and structure.

OR

Write a detailed note on various methods used to control air pollution.

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- b) What are the functions of CPCB. 6
- c) Write a short notes on the following (any one) : 6
- i) Control of marine pollution
- ii) Ozone layer depletion.
4. a) Write a detailed notes on the following : 16
- i) Acid rain
- ii) Rain water harvesting.
- b) What are the causes and effects of solid waste pollution. 9

SECTION – II (Social Science)

MODULE – III

5. a) Define Personality. Explain the contribution of the Humanistic approach to the study of personality with the help of Abraham Maslow's Hierarchy of needs theory. 10
- b) "Stress is the salt of life... stress wakes us up, makes us live". Explain psychological stress and the methods of coping with stress. 7
- c) Write short notes on : 8
- i) Positive attitude and its benefits
- ii) Goal setting theory of Motivation.
6. a) "The Indian rural woman is not empowered". Discuss the issue of Women Empowerment in India identifying the various areas of concern in rural areas and suggest measures to bring about women empowerment in India. 10
- b) Enlist and explain any four business etiquettes and discuss the significance of Business manners and etiquette. 7
- c) Define the term Responsibility. Explain the various types of responsibility and the benefits of taking personal responsibility. 8



MODULE – IV

ENVIRONMENTAL AND SOCIAL SCIENCE

7. a) “Understanding the current status of globalization is necessary for setting course for future. For all nations to reap the full benefits of globalisation it is essential to create a level playing field”. Define Globalisation, explain its advantages and disadvantages and discuss its future in the light of the above statement. 10
- b) “The Indian education system lacks in inculcating values to the students”. Do you agree with the statement ? Analyse the Indian education system and suggest measures to rectify the system. 7
- c) Explain the following concepts : 8
- i) Cultural diffusion
 - ii) Acculturation.
8. a) “Religious intolerance is detrimental to the growth of a nation”. Discuss the significance of religious tolerance and ways of promoting it in a multi-religious country like India with reference to the preceding statement. 10
- b) “Culture helps defines who we are”. Explain the statement discussing the relation of culture to identity. Substantiate your answer with relevant examples. 7
- c) “A good education system should emphasize sciences rather than arts based disciplines”. Do you agree with the statement. Justify your answer. 8

ii) Food webs

iii) Pond ecosystem

iv) Reasons of deforestation.

MODULE – II

3. a) Write a detailed note on the effect of air pollution on human beings, plants and structure.

OR

Write a detailed note on various methods used to control air pollution.