



SEM 2 – 6 (RC 07-08)

F.E. (Semester – II) (Revised in 2007-08) Examination, May/June 2014 ENVIRONMENTAL AND SOCIAL SCIENCE

Duration : 3 Hours

Total Marks : 100

- Instructions:**
- i) Answer total **four** questions and **each** question of **25** marks.
 - ii) Atleast **one** question is **compulsory** from **each Module**.
 - iii) **Use separate** answer books for **Section I** (Env. Science) and **Section – II** (Social Science).

SECTION – I

Module – I

- 1. a) Explain environmental science and its importance. 5
- b) Explain how dams and reservoirs can cause more flood damage than they prevent. Should all proposed large dams and reservoir projects be scrapped ? Explain. 10
- c) Describe the environmental effects of extracting and using mineral resources. 10
- 2. a) Explain the term soil erosion and desertification. 5
- b) What is the role of an individual in conservation of natural resources ? 10
- c) What do you understand by food chains, food webs and ecological pyramids ? 10

Module – II

- 3. a) What is noise pollution ? List out the important preventive and control measures which can be adopted in order to prevent noise pollution. 10
- b) Write short notes on the following: 15
 - i) Solid waste management
 - ii) Acid rains
 - iii) Global warming.

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4. a) Describe the term “from unsustainable to sustainable development”. 10
 b) Write short notes on the following : 15
 i) Water conservation
 ii) Rain water harvesting
 iii) Marine pollution control measures.

SECTION – II

Module – III

5. a) Is personality the product of external factors or is it a product of internal forces ? Justify your answer with the help of any one of the theories you have studied. 10
 b) Discuss any 2 theories of motivation identified by modern psychologists. 7
 c) Write short notes on **any two** of the following : (4+4)
 1) Different aspects of empowerment.
 2) Personal responsibility.
 3) Ethics.
6. a) What is accommodation ? Describe any four methods of accommodation. 7
 b) Can economic independence ensure women’s empowerment ? Discuss. 10
 c) What is business ethics ? Explain with the help of suitable exs. the importance of business ethics at the workplace. 8

Module – IV

7. a) List any five defects in the current education system and suggest ways to overcome them. 7
 b) Does globalization lead to greater social inter connectedness ? Discuss. 8
 c) What are the functions of culture ? 10
8. a) Define religion. What are the causes of religious intolerance and how can religious tolerance be promoted ? 8
 b) What are the four main cultural processes and how do they affect culture ? 7
 c) What are the challenges facing the education system in India today ? 10