

**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 eggs. 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