



**SEM 2 – 6 (RC 07-08)**

**F.E. (Semester – II) (Revised in 2007-08) Examination, May/June 2017**  
**ENVIRONMENTAL AND SOCIAL SCIENCE**

Duration : 3 Hours

Total Marks : 100

**Instructions :** i) Answer total 4 questions and atleast **one** question is **compulsory** from **each** Module.

ii) **Each** question is of **25** marks.

iii) **Use** separate answerbooks for **Section – I (Envi. Science)** and **Section – II (Social Science)**.

iv) **Don't** mix the answers of **Section – I** and **II**.

**SECTION – I**  
**(Environmental Science)**

**Module – I**

1. a) Explain the environmental science and its importance. **5**  
b) What are the effects of deforestation ? Draw the flow diagram showing the effects of deforestation. **8**  
c) What are the benefits and problems of Dams for Water resources ? **12**
2. a) What are the effects of mining and what are the remedial measures that can be taken ? **10**  
b) What is the role of an individual in conservation of natural resources ? **10**  
c) Describe the Grass Land Ecosystem. **5**

**Module – II**

3. a) What is water pollution ? List and explain the effects of water pollution. **10**  
b) What are the causes and effects of solid waste ? How you will manage the solid waste to avoid the pollution on earth. **10**  
c) What is noise pollution ? What are its effects on human health ? **5**
4. Write short notes on the following :  
i) Ozone Layer depletion. **9**  
ii) Water conservation. **8**  
iii) Sustainable development. **8**





SECTION – II  
(Social Science)

Module – III

5. a) Is personality a product of external factors or a product of internal forces ? Justify your answer with reference to any one of the theories you have studied. 10
- b) Give a detailed explanation of the Goal setting theory of motivation. 7
- c) Write short notes on **any two** of the following : (4+4)
- i) Domestic violence
  - ii) Social Responsibility
  - iii) Relevance of Prayer.
6. a) Write a detailed note on Man Empowerment Vis-a-Vis Women Empowerment. 8
- b) Elaborate on the social and professional responsibilities of the engineer. 10
- c) What are social processes ? Explain competition and Co-operation as social processes. Also distinguish (three points) competition from Co-operation. 7

Module – IV

7. a) Explain merits and demerits of globalisation. 10
- b) Highlight the evils of religion. 7
- c) Does education promote Creativity or does it stifle it ? Give reasons for your answer. 8
8. a) The entire course on social science is aimed at the development of one's own self. Comment on the truth of the statement with reference to the course you have studied. 10
- b) Define culture. Mention any six characteristics of culture. 7
- c) 'Student counselling is the need of the hour'. Comment. 8
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