



**SEM 2 – 6 (RC16-17)**

**F.E. (Semester – II) (Revised in 2016 – 2017)**

**Examination, May/June 2017**

**ENVIRONMENTAL SCIENCES AND SOCIAL SCIENCES**

**Duration : 3 Hours**

**Total Marks : 100**

- Instructions :**
- i) Use separate answer books for Section – I (Environmental science) and Section – II for social science.
  - ii) Answer **any two** questions **each** from Part – A and Part – C.
  - iii) Answer **any one** question **each** from Part – B and Part – D.
  - iv) Answer total **3** questions for Section – I of **20×2** and **10×1 = 50** marks and answer **3** questions for Section – II of **20×2** and **10×1 = 50** marks.
  - v) Please don't miss the answers of Section – I and Section – II. Write separately.
  - vi) Figures to the **right** indicate marks.

**SECTION – I**

**PART – A**

Answer **any two** questions :

**(2×20=40)**

- 1. a) What is the role of an individual in conservation of natural resources ? **10**
- b) What are the environmental effects of extracting and using mineral resources ? **10**
- 2. a) What are the effects of deforestation ? Draw also flow diagram. **10**
- b) What are the guidelines of disaster management ? **10**
- 3. a) What is Noise Pollution and what are its effects on human health ? **10**
- b) What are the causes and effects of solid waste ? How you will manage the solid waste in your city ? **10**

**PART – B**

Answer **any one** question :

**(1×10=10)**

- 4. Describe renewable and non renewable energy sources and use of alternate energy sources. **10**
- 5. What is Air Pollution and what are its effect on humans ? **10**

**P.T.O.**



SECTION – II

PART – C

Answer **any two** questions from the following : (2×20=40)

6. a) What do you mean by the term, 'Personality' ? Elaborate on the importance of mental health and the misconceptions associated with it. 10  
b) Is it possible for us to live in a world without religion ? Give reasons for your answer. 10
7. a) Why are governments wary or cautious of civil society movements ? Give examples to state your point of view. 10  
b) Define the term 'Negativity' in your own words. Mention six possible ways by which you Would manifest positivity in daily life. 10
8. a) Define 'Acculturation'. Will acculturation lead to social disorder or will it assist in the process of globalization ? 10  
b) Stress experienced by a college student in different from the one experienced by him in adult life post-college years. Comment on the truth of the statement with reference to the theme on stress. 10

PART – D

Answer **any one** of the following questions : (1×10=10)

9. a) It is obligatory on the part of the engineer to execute his projects without neglecting his concern for humanity. Comment on the truth of the statement with reference to the Engineer's Responsibilities. 10  
b) Define 'Motivation'. Mention and elaborate any six things/factors that leave you motivated in life. 10