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**F.E. Semester-II (Revised Course 2016-17)**  
**EXAMINATION FEBRUARY 2021**  
**Environmental Science & Social Science**

**[Duration : Two Hours]**

**[Total Marks :60]**

**Instructions:-**

- 1) Answer for 30 marks from Section I (Part A & Part B) and 30 marks from Section II (Part C & Part D)

**SECTION – I (Environment Science)**

**PART – A**

- |    |                                                                                       |      |
|----|---------------------------------------------------------------------------------------|------|
| Q1 | (a) What is environmental science and what is its importance?                         | (10) |
|    | (b) What are the effects of deforestation?                                            | (10) |
| Q2 | (a) What are the benefits and ill effects of construction of dams?                    | (10) |
|    | (b) Describe fertilizer pesticide problems.                                           | (10) |
| Q3 | (a) What are the growing energy needs? What are the uses of alternate energy sources? | (10) |
|    | (b) What is marine pollution and how you can control it?                              | (10) |

**Part – B**

- |    |                                                                |      |
|----|----------------------------------------------------------------|------|
| Q4 | Describe the disaster management plan for your city.           | (10) |
| Q5 | Describe the role of an individual in prevention of pollution. | (10) |

**SECTION – II (Social Science)**

**PART – C**

- |    |                                                             |      |
|----|-------------------------------------------------------------|------|
| Q6 | a) Define 'Stress' and state the goal of stress management. | (10) |
|----|-------------------------------------------------------------|------|

- b) You are an engineer asked to execute a project. What measures would you take into consideration as an engineer? (10)
- Q7 a) Provide for three points of distinction between 'negativity' and 'positivity'. Elaborate on any three Qualities of the practitioners of positivity. (10)
- b) Define 'Education'. What according to you are the limitations of engineering education. (10)
- Q8 a) Elaborate the relations that exist between 'Religion' and 'Politics' in Society. (10)
- b) What functions and role do civil society movements perform? (10)

#### PART – D

- Q9 We are a terribly Sick Society.  
Comment on the truth of the statement with referent to (i) attitudes to Women  
ii) Confused notions of 'personality'. (10)
- Q10 Define 'Motivation'. Explain employee efficacy and goals as essential elements in motivation. (10)