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F.E Semester-II (Revised Course 2016-17)
EXAMINATION AUGUST 2021
Environmental Sciences and Social Sciences

[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)
- 2) Figures to the right indicate full marks allotted to that question.
- 3) Assume additional data if required and state it clearly.

Section-I

Part-A

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|-----|---|----|
| Q.1 | a) What is the role of an individual in the conservation of natural resources? | 10 |
| | b) Write a note on effects associated with construction of dams on forests and tribal people | 10 |
| Q.2 | a) What are the causes, effects of urban and industrial wastes on environment? Also explain the control measures of urban and industrial wastes | 10 |
| | b) Write a note on renewable energy sources. | 10 |
| Q.3 | a) Discuss the causes for World food problems highlighting fertilizer-pesticide problems, water logging and salinity the issues. | 10 |
| | b) Explain with a neat sketch the process of treating waste water before disposing it into the water bodies. | 10 |

Part-B

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| Q.4 | a) What are the causes of noise pollution and state remedies to reduce? | 10 |
| | b) Write a note on Rehabilitation policy as stated by national disaster management division. Also state its objectives and guidelines. | 10 |

Section-II

Part-C

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| Q.6 | a) Define stress. State at least five ways in which you can overcome stress. Give examples. | 10 |
| | b) Define Team. What are the characteristics of a good team? Elaborate. | 10 |
| Q.7 | a) Mention the challenges you encounter when you practice 'positivity'? also state how you would like to tackle these challenges. | 10 |

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|-----|---|----|
| | b) Define religious tolerance in your own words. Why is it important to maintain religious tolerance? | 10 |
| Q.8 | a) Mention the significant changes in lifestyle and culture brought about by the forces of globalization. | 10 |
| | b) Why are Governments wary of Civil Society Movements? | 10 |

Part-D

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|------|---|----|
| Q.9 | a) Write a note on Professional Ethics of the engineer and his commitment to the society. | 10 |
| Q.10 | We are a terribly sick society. Comment on the truth of the statement with reference to
i) our attitude to women and ii) confused notions of culture . | 10 |