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**F.E. (Sem - II)(Revised Course 2016-17)
EXAMINATION MAY/JUNE 2019
Environmental Sciences And Social Sciences**

[Duration : Three Hours]

[Max. Marks : 100]

Instruction :

- i) Use separate answer books for Section - I and (Env.Sc.) and for Section - II Social Science.
- ii) Answer total 3 question for Section I - $20 \times 2 = 40$ and $10 \times 1 = 10$ total 50 marks. For Section II - $20 \times 2 = 40$ and $10 \times 1 = 10$ total 50 marks.
- iii) Answer **any 2** questions each from Part A and Part C and **any 1** question **each** for Part B and Part D.
- iv) Please don't mix the answers of different Sections.

SECTION-I (Environmental Science)

PART-A (Answer any TWO Questions)

Question No.1

- a) Environmental education and awareness is necessary in view of resource depletion - substantiate your answer. 10
- b) How air quality is affected due to surface mining in the environment. 10

Question No.2

- a) Water crisis and its induced conflicts – a global issue-substantiate your answer. 10
- b) Explain environmental impacts of dams in general. 10

Question No.3

- a) Define eco system. Complex eco systems are more stable as compared to simple ones-substantiate. 10
- b) What measures India shall take in view of depleting renewable sources of energy. 10

PART-B (Answer any ONE question)

Question No.4

- a) Noise pollution is a major threat on urbanized life-Comment. 10

Question No.5

- b) With a neat flow diagram explain the concept of acid rain formation and its impacts on human life. 10

SECTION-II
SOCIAL SCIENCE

Part-C

Answer any two questions from the following:

- | | | |
|-----|---|--------|
| Q.6 | a) Would you like to bring down all black boards from your college classrooms and replace them with digital boards? Analyse the situation and give reasons for your answer. | 10 |
| | b) Elaborate the various stages of the team building process. Which of them would you consider significant and why? | 10 |
| Q.7 | a) Write a note on the professional ethics of the engineer and his commitment to society? | 10 |
| | b) Would you say that the "Me too" campaign is a genuine case of Women Empowerment? Suggest suitable ways of empowering the women. | 10 |
| Q.8 | a) Write short notes on <u>any two</u> of the following: | 2×5=10 |
| | i. Rising Atheism in society | |
| | ii. Interpersonal skills | |
| | iii. Hurdles in practicing positivity | |
| | b) State the necessity and the limitations of civil society movements. | 10 |

Part – D

Answer any one of the following:

- | | | |
|------|---|----|
| Q.9 | Mention the significant changes in lifestyle and culture brought about by the forces of globalization. | 10 |
| Q.10 | Explain the nature and causes of stress experienced by an adolescent and state how different it is from adult stress. | 10 |