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**F.E. Semester-II (Revised Course 2007-2008)
EXAMINATION MAY/JUNE 2019
Environmental & Social Sciences**

[Duration : Three Hours]

[Max. Marks : 100]

Instructions:

- 1) Answer total four questions but atleast one questions is compulsory from each module.
- 2) Use separate answer books for Section –I (Environmental Science) and Section –II (Social Science)
- 3) Section –I consists of Module I and II, Section –II consists of Module III and IV.

SECTION –I

(Environmental Science)

Module -I

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|-----|--|-----------|
| Q.1 | (a) Define environmental science and its importance. | 05 |
| | (b) Describe the environmental effects of extracting and using mineral resources. | 10 |
| | (c) Explain the causes of deforestation. | 10 |
| Q.2 | a) What is the role of an individual in conservation of energy and soil resources? | 10 |
| | b) State and explain the methods used to prevent soil loss due to erosion. | 10 |
| | c) Explain pond ecosystem. | 05 |
| | Module-II | |
| Q.3 | a) What is air pollution? List and explain the effects of air pollution. | 10 |
| | b) Describe the solid waste and its management for your city. | 10 |
| | c) What is the effects of noise pollution on human health. | 05 |
| Q.4 | Write short notes on the following | |
| | a) Global warming | 09 |
| | b) Water conservation | 08 |
| | c) Sustainable development | 08 |

SECTION –II

(Social Science)

MODULE - III

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|-----|---|------------|
| Q.5 | A) What do you understand by Motivation? What are the various theories of Motivation? | 10 |
| | B) What are the Big 5 Dimensions of Personality? | 07 |
| | C) Write short notes on any two: | 4+4 |
| | i) How to fight stress | |
| | ii) Personality Development | |
| | iii) Id, Ego, Superego | |

- Q.6 A) What are some issues that women face in society today? How can we solve these problems? 10
 B) Write a note on engineer's responsibility. 07
 C) Write a note on the link between Collaboration, Consensus and Conflict in a Team. 08

MODULE – IV

- Q.7 A) How can we improve the Indian Education System? 10
 B) Elaborate on some of the characteristics of culture. 08
 C) Write a note on Globalization. 07
- Q.8 A) How can we promote Religious Tolerance? 10
 B) What is the importance of studying a subject like Social Science? 07
 C) Does education help one to be creative? Or does it kill creativity? Elaborate 08