



SEM 2 – 6 (RC 07-08)

F.E. Semester – II (Revised in 2007-08) Examination, Nov./Dec. 2017
ENVIRONMENTAL AND SOCIAL SCIENCE

Duration : 3 Hours

Total Marks : 100

- Instructions:** i) Answer total **four** questions and atleast **one** question is **compulsory** from **each** Module.
ii) **Each** question is of **25** marks.
iii) Use **separate** answer books for Section – I (Env. Science) and for Section – II (Social Science).
iv) **Don't mix** the answers of Section – I and II.

SECTION – I

(Environmental Science)

Module – I

1. a) What is the scope of environment education ? What is the importance of environment education ? 10
b) What are the effects of deforestation ? 10
c) Describe the world food problem. 5
2. a) What are the effects of mining and what are the remedial measures that can be takes ? 10
b) What are the benefits and problems of dam construction ? 10
c) What are the changes caused by modern agriculture ? 5

Module – II

3. a) What are the effects of noise pollution on human health and what are its controlling measures ? 10
b) Describe the air pollution and its effects. 10
c) How you will do the management of solid waste for your city ? 5
4. Write short notes on the following :
a) Global warming. 9
b) Marine pollution. 8
c) Unsustainable to sustainable development. 8



SECTION – II
(Social Science)

Module – III

5. a) Define 'Motivation'. What are the benefits that would come to an individual if he is motivated in his organization ? 8
- b) Define stress. Elaborate on the coping mechanisms you would evolve to fight your own stress. 9
- c) Write short notes on **any two** of the following : (4+4)
- i) Mental health.
 - ii) Significance of prayer.
 - iii) Maslow's notion of self-actualisation.
6. a) Prepare a six point code of conduct showcasing responsibility towards the profession of engineering. Elaborate on each of the code prepared. 10
- b) Mention and elaborate any four measures taken to empower women. 7
- c) Define 'team'. Elaborate on any six positive qualities of an effective team member. 8

Module – IV

7. a) What does 'culture' mean to you ? Elaborate on any six characteristics of culture. 7
- b) Define globalisation. State the merits and demerits of globalisation. 8
- c) Comment on the truth of the statement 'Education of life, not for a living'. 10
8. a) Is it possible to live in a world without religion ? Give reasons for your answer. 8
- b) Education stifles creativity. Comment on the truth of the statement with reference to the theme on education. 10
- c) How do the four main cultural processes affect culture ? 7
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