

SEM 2-5 (RC 16 – 17)

**F.E. (Semester – II) (RC 2016-17) Examination, Nov./Dec. 2017
ENVIRONMENTAL SCIENCE AND SOCIAL SCIENCE**

Duration : 3 Hours

Total Marks : 100

- Instructions:** i) **Use separate answer books for Section – I (Environmental Science) and Section – II (Social Science)**
ii) **Answer any two questions each from Part – A and Part – C and any one question each from Part – B and Part – D.**
iii) **Answer total 3 questions for Section – I of $20 \times 2 + 10 \times 1 = 50$ Marks and 3 question for Section – II of $20 \times 2 + 10 \times 1 = 50$ Marks.**
iv) **Figure to the right indicate marks.**

**SECTION – I
(Environmental Science)**

PART – A

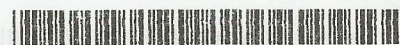
Answer **any two** questions :

1. a) What is the objective of environmental education and what is the importance of environmental education ? 10
b) What is world food problem and fertilizer pesticide problems ? 10
2. a) What is water pollution and what are its effect on environment ? 10
b) Describe the water conservation and watershed management. 10
3. a) What is dam and their effects on forests and tribal people ? 10
b) Describe the disaster management planning and preparedness. 10

PART – B

Answer **any one** question :

4. Describe the various conflicts over water. 10
5. Describe the solid waste management in prevention of pollution for your city. 10



SECTION – II
(Social Science)

PART – C

Answer **any two** questions from the following :

(2×20=40)

6. a) Define 'Motivation'. How does a motivated individual respond to i) stress and ii) setting goals. 10
- b) Why are governments wary or cautious of civil society movements ? Give examples to state your point of view. 10
7. a) Elaborate on six possible ways by which you would manifest positivity in daily life. 10
- b) Is sexism prevalent in society ? Elaborate on the importance of women education and woman economic empowerment. 10
8. a) "The things that the child learns in college is much more than the college thinks its teaching". Comment on the truth of Salman Rushdie's, Quote and state how college experiences shape your personality. 10
- b) Mention a few positive buffers you would evolve to fight your own stress and state why these buffers cannot be considered as solution for all those who are stressed. 10

PART – D

Answer **any one** question from the following :

(1×10=10)

9. You have been asked to execute a project as an engineer. Keeping your branch of engineering in mind, elaborate on the responsibilities you would showcase as an engineer for the successful executive of the project. 10
10. Enculturation is more significant than acculturation. Argue for or against the given statement. 10