

SEM 2 – 6 (RC 07 – 08)

F.E. (Semester – II) (RC 2007 – 08) Examination, May/June 2018 ENVIRONMENTAL & SOCIAL SCIENCE

Duration : 3 Hours

Total Marks : 100

Instructions : i) Answer total **four** questions but atleast **one** question is **compulsory** from **each** Module.

ii) Use separate answer books for Section – I (Environmental Science) and Section – II (Social Science).

iii) Section – I consist of Module – I and II, Section – II consist of Module – III and – IV.

SECTION – I

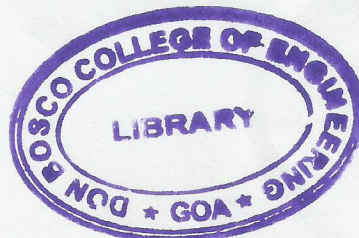
(Environmental Science)

Module – I

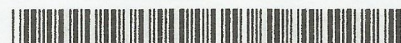
1. a) What are the objectives of environmental education ? 5
b) Describe the environmental effects of extracting and using mineral resources. 10
c) What are the benefits of dams and problems ? 10
2. a) Explain the pond ecosystem. 5
b) State and explain the methods used to prevent soil loss due to erosion. 10
c) Describe the concept, structure and function of ecosystem. 10

Module – II

3. a) What is marine pollution ? List and explain the effects of marine pollution. 15
b) Describe the solid waste management, its causes and effects. 10
4. Write short notes on the following :
 - a) Acid rains 8
 - b) Rain water harvesting. 9
 - c) Functions of SPCB. 8



P.T.O.



SECTION – II
(Social Science)

Module – III

5. a) Explain Maslow's hierarchy of needs with the help of a diagram. 8
b) Explain in detail goal setting theory of motivation. 9
c) Elaborate any four causes of stress. 8
6. a) Explain in detail the social and professional responsibilities of the engineer. 9
b) Elaborate on any six measures that need to be taken to empower women in society. 8
c) Share any two attributes of personality and state the importance of mental health in a person's life. 8

Module – IV

7. a) Explain three merits and demerits of globalisation. 10
b) Describe in detail notions of 'Enculturation' and 'Acculturation'. 7
c) Explain the role and significance of the counsellor in educational institutions. 8
8. a) Elaborate any six characteristics of culture. 8
b) What outcomes do you wish to obtain from formal education ? 10
c) State and explain any four demerits of globalisation. 7

