

AS

FE-Sem-I-CBGS-EVS

7/6/16

Q.P. Code : 28604

(2 Hours)

[Total Marks : 60

- N.B. : (1) All questions are compulsory.
(2) Answer any three from Question No 2 to 6
(3) Draw neat diagrams wherever necessary

1. Attempt any five from the following: -

15

- Discuss the global environmental crisis.
- Explain in brief the concept of socio-economical aspect of sustainable development.
- Discuss coagulation and flocculation in water treatment.
- Define the term "Noise Pollution" and explain its causes.
- What are the general powers of the Central Government stated in Chapter-11 of the Environmental Protection Act 1986?
- Which are the various renewable sources of energy?
- What is the role of technology with respect to environment and health?

2. Answer the following:-

15

- How is environmental education important for sustainable development?
- What are the constituents in the municipal solid waste?
- What are the limitations of conventional sources of energy?

3. Answer the following:-

15

- How ozone is getting depleted from the atmosphere? Explain with chemical reactions.
- What are the important functions of Central Pollution Control Board?
- Explain the main aspects of Disaster Management Technique in detail.

4. Answer the following:-

15

- Write a note on depleting nature of environmental resources-minerals.
- What environmental clearances are required to set up an industrial unit?
- Explain the working principle of generating electricity by using wind energy.

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5. Answer the following:-

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- (a) What do you mean by "3R" with respect to sustainable development?
- (b) What do you understand by "Green House Effect"?
- (c) State the working of Photovoltaic Cell used for solar energy.

6. Answer the following:-

15

- (a) Discuss the importance of Environmental Study.
- (b) Draw a neat labelled diagram of "Venturi scrubber" and brief its working.
- (c) Explain the terms Tsunami and Earthquake.

Course: F.E. (REV.) (ALL BRANCHES)

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Correction

Read as

Q. No. 1 Compulsory

instead of

All Questions are Compulsory in the instruction no. 1

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