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Roll No

ES-3001(CS/EE/EI/EX/FT/IT) (CBGS)**B.E. IV Semester**

Examination, May 2018

Choice Based Grading System (CBGS)**Energy, Environment, Ecology and Society***Time : Three Hours**Maximum Marks : 70*

- Note:* i) Attempt any five questions.
ii) All questions carry equal marks.

1. a) Write about renewable and non renewable sources. 6
b) Explain the sources of energy in solar, wind, nuclear sources and fossil fuel. 8
2. Explain about segments of environment. 14
 - i) Atmosphere
 - ii) Hydrosphere
 - iii) Lithosphere
 - iv) Biosphere
3. a) Explain about: 10
 - i) Green house effect
 - ii) Ozone layer depletion
 - iii) Acid Rain
 b) Write about classification of Air pollutants. 4

4. Explain about treatment of Domestic and Industrial water effluent. 14

5. What are the pollutants in soil and write about controlling measures? rgpvonline.com 14

6. Explain given cycles in Ecosystem. 14
 - a) Water cycle
 - b) Carbon cycle
 - c) Nitrogen cycle

7. a) Write about causes of sound pollution. 5
b) Explain the controlling measures in sound pollution. 9

8. a) Write about preliminary studies regarding environmental protection acts. 7
b) Write short notes on solid waste management. 7
