

Total Pages—3 **V—Sem/COMMON/2015(W)**

(2)

ENVIRONMENTAL STUDIES

(Code : BST-501)

Full Marks : 70

Time : 3 hours

Answer any five questions

Figures in the right-hand margin indicate marks

- 1. (a) What is environmental pollution? 2
- (b) State the drawback of Nuclear power and their adverse effect. 5
- (c) Explain Global warming and write down its effects. 7
- 2. (a) What is aquatic ecosystem? 2
- (b) Explain biotic and abiotic ecosystem. 5
- (c) Write the function of food chain and food web in ecosystem. 7
- 3. (a) What are sources of energy? 2

- (b) What is population explosion? 5
- (c) Write short notes on : 7
 - (i) Acid rain
 - (ii) Ozone layer depletion
 - (iii) Greenhouse effect.
- 4. (a) What is green technology? 2
- (b) What are various types of pollutants? 5
- (c) Explain different components of ecosystem. 7
- 5. (a) What is sound power level? 2
- (b) Explain the term 5
 - (i) Combustion
 - (ii) Pyrolysis
 - (iii) Gasification.
- (c) What are the causes and effects, control measures of Industrial Estate? 7
- 6. (a) What is food web? Give one example. 2
- (b) How environment and human health are interrelated? Explain with exms. 5

(Turn Over)

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(3)

- (c) What is the role of information technology in environment and human health ? 7
7. (a) What is secondary pollutants ? 2
- (b) What is ecological succession ? 5
- (c) What is disaster management ? How disaster management helps in case of flood ? 7

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