

**S.D.E.**  
**B.C.A. (2004 Course Sem- I : WINTER - 2018**  
**SUBJECT: ENVIRONMENTAL STUDIES**

Day: Monday  
Date: 03/12/2018

**W-2018-4504**

Time: 02.00 PM TO 05.00 PM  
Max Marks. 80

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**N.B.**

- 1) Attempt any **FIVE** questions from Section – I and attempt any **TWO** questions from Section – II.
  - 2) Figures to the right indicate **FULL** marks.
  - 3) Answers to both sections should be written in **SEPARATE** answer book.
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**SECTION - I**

- Q.1** Define Environmental Studies and explain its scope and importance. **(10)**
- Q.2** What are the ill-effects of over utilization of water resources? Suggest **(10)** measures that can be taken to prevent the same.
- Q.3** Explain the structure and function of Grassland Ecosystem. **(10)**
- Q.4** State the value of biodiversity and the need to focus on productive use rather **(10)** than consumptive use of biodiversity.
- Q.5** Suggest suitable measures to minimize the noise pollution during the **(10)** religious festivals in your city.
- Q.6** Discuss the problems and concerns about various urban issues related to **(10)** energy and water conservation.
- Q.7** Write short notes on the following (**any TWO**) **(10)**
- a) Role of Information Technology in human health.
  - b) Variation in population growth among nations.
  - c) Human Rights

**SECTION - II**

- Q.8** Differentiate between a food chain and a food web. Discuss with illustrations **(15)** any one food chain explaining the producers and consumers there in.
- Q.9** Prepare an Action plan for effective Solid Waste Management on the **(15)** following lines-
- i) Practicing waste management at home.
  - ii) Steps to initiate waste management programme in your housing society.
- Q.10** These days a number of senior citizens and children are suffering from **(15)** respiratory problems due to Air Pollution. Discuss the causes and probable solutions to this problem.