

**Vidya Vikas Mandal's**  
**Shree Damodar College of Commerce & Economics, Margao-Goa**  
**FY BVoc (ST), Semester-I, Semester End Examination, October 2019**  
**Environmental Studies – I (STG104)**

**Duration: 1 Hour 30 minutes****Max Marks: 40****Instructions:** 1. Start each question on fresh page.

2. Figures to the right indicate maximum marks.

3. All main questions are compulsory with internal choice.

4. Illustrate your answers with suitable examples/diagrams.

**Q. 1** Answer ANY FIVE of the following:**(05x02= 10)****A** What is 'hotspots' of biodiversity?**B** Define thermal pollution and state any four causes of thermal pollution.**C** What is neo-determinism? Who propounded this concept?**D** How renewable resources are different from non renewable resources?**E** Who are consumers? State the different types of consumers.**F** Why decomposers are important in an ecosystem?**G** Define ecological succession and write its stages.**Q. 2 A** '*Human activities are the foremost causes of deforestation*'. Justify the statement with examples and explain the effects of deforestation.**(10 Marls)****OR****X** Discuss the 'multidisciplinary nature' of environmental studies.**(05 Marls)****Y** Explain how the concept of determinism is different from possibilism.**(05 Marls)****Q.3 A** Write a detailed note on ecological pyramid and with the help of a neat labeled diagram represent the food chain found on land ecosystem.**(10 Marls)****OR****X** Discuss the process of water cycle with the help of a neat labeled diagram.**(05 Marls)****Y** Highlight the ten major Bio-geographical classification of India.**(05 Marls)****Q.4 A** How air pollution takes place in the environment? Explain in detail the effects of air pollution.**(10 Marls)****OR****X** Explain any five effects of noise pollution.**(05 Marls)****Y** Discuss the various sources of water pollution.**(05 Marls)**

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