

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)**
