

Vidya Vikas Mandal's
Shree Damodar College of Commerce & Economics, Margao-Goa
FY BCA, Semester-I, Semester End Examination, October 2019
ENVIRONMENTAL STUDIES – I (ESA 101)

Duration: 1 Hour

Max Marks: 30

- 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. A** What is a resource? Distinguish between renewable and non-renewable resources with examples and state any two problems associated with resources. **(05 Marks)**
- B** Explain the ecological pyramid with the help of neat labeled diagram and examples. **(05 Marks)**
- Q.2. A** Discuss the multidisciplinary nature of environmental studies. **(05 Marks)**
- B** Highlight the causes of deforestation and explain its any two effects. **(05 Marks)**
- OR**
- X** State the difference between confined and unconfined aquifers and discuss the various measures to conserve the surface and ground water. **(05 Marks)**
- Y** Explain how oxygen cycle and carbon cycle takes place in the environment with the help of a neat labeled diagram. **(05 Marks)**
- Q.3. A** Write a detailed note on desert ecosystem. **(05 Marks)**
- B** Who are producers, consumers and decomposers? With the help of a food chain found in grassland ecosystem explain all these three components. **(05 Marks)**
- OR**
- X** State the advantages and disadvantages of ex-situ conservation of biodiversity and discuss any one ex-situ conservation method that was successfully carried out in India. **(05 Marks)**
- Y** 'India is divided into ten major regions on the basis of Bio-geographic classification'. Discuss these Bio-geographic zones of India. **(05 Marks)**
