

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)**
