

**Goa Vidyaprasarak Mandal's**  
**GOPAL GOVIND POY RAITURCAR COLLEGE OF COMMERCE**  
**AND ECONOMICS, PONDA - GOA**  
**B.C.A (SEMESTER-I) EXAMINATION, OCTOBER 2017**  
**ENVIRONMENTAL STUDIES**

Duration: 90 Minutes-----

Marks: 25

Instruction to candidates:

1. All questions are compulsory.
2. Figures to the right indicate full marks.

- Q.1. (a) Define the term biosphere. (1)  
(b) Explain different ways to conserve environment. (4)  
**OR**
- Q.1. (x) What are the components of environment? (1)  
(y) Write in detail the importance of environment education. (4)
- Q.2. (a) What is deforestation? (1)  
(b) Explain the effects of modern agriculture on environment. (4)  
**OR**
- Q.2. (x) What are renewable energy resources? (1)  
(y) Explain different methods of soil conservation. (4)
- Q.3. (a) What is sustainable development? (1)  
(b) What are the effects of mining on environment? (4)  
**OR**
- Q.3. (x) Define soil erosion. (1)  
(y) List out the benefits and problems related to the construction of Dams. (4)
- Q.4. (a) Define ecosystem. (1)  
(b) Describe producers, consumers and decomposers. (4)  
**OR**
- Q.4. (x) What is a food chain? (1)  
(y) Explain in detail types of ecological pyramids. (4)
- Q.5. (a) What is ecological succession? (1)  
(b) Give characteristic features of desert ecosystem. (4)  
**OR**
- Q.5. (x) What is a trophic level? (1)  
(y) Explain the types of aquatic ecosystems. (4)

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