

**Vidya Vikas Mandal's**  
**Shree Damodar College of Commerce & Economics, Margao –Goa**  
**FY BCA, Semester-I, Semester End Examination November 2022**  
**Environmental Studies-I (ESA 101)**

**Duration:1 hour**

**Max Marks:30**

**Instructions:**

- i) Start each question on fresh page.
- ii) Figures to the right indicate full marks

**Q.1 (A) Define the following terms:**

**(05x01=05 Marks)**

1. Overgrazing
2. Food Web
3. Eutrophication
4. Ecological Succession
5. Deforestation

**Q.1 (B) Answer the following questions in about 20-25 words each:**

**(05x01=05Marks)**

- a) Name any two institutions involved in environmental protection in India.
- b) State any two effects of modern agriculture on Land resources.
- c) Define Endemic species.
- d) Why there is a need to conserve water resources.
- e) Write in brief about Mangrove Ecosystem.

**Q.2(A) Answer the following questions in brief about 200-220 words each. (05x02=10Marks)**

**A) Explain any two types of Freshwater Ecosystems found in your locality.**

**B) Environmental Studies is referred as Multidisciplinary subject. Discuss the statement by citing relationship of Environmental Studies with subject Geography.**

**OR**

**Q.2 (X) Explain any two types of Terrestrial Ecosystems found in India.**

**Y) Discuss in brief about In- situ and Ex -situ conservation techniques adopted in India.**

**Q.3 (A) Answer the following questions in brief about 200-220 words each. (05x02=10 Marks)**

**(A) There is an immediate need to utilize renewable sources of energy. Discuss the statement by explaining the need to utilize using Renewable sources of Energy.**

(B) Biodiversity is threatened due to various human activities. Justify your answer by citing various threats to India's biodiversity.

OR

Q. 3 (X) India is known as Mega biodiversity nation. Explain the characteristics of any two Bio-geographical classifications of India.

(Y) Goa's ecosystem has been destroyed due to overexploitation of mineral resources. Justify the statement by discussing effects of mining on Goa's Environment.

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