

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.
