

Vidya Vikas Mandal's  
Shree Damodar College of Commerce & Economics, Margao- Goa  
FY B.Voc (ST), Semester- I, Semester End Examination November 2023  
STG 104: Environmental Studies- I

**Duration: 1 hour**

**Max. Marks: 40**

- Instructions:** i) Start each question on a fresh page.  
ii) All questions are compulsory with internal choice.  
iii) Figures to the right indicate full marks.

**Q.1. Answer ANY FIVE questions from the following:- (05 x 02 = 10 marks)**

- A) Differentiate between primary and secondary air pollutant.
- B) Define the term 'Global Warming'.
- C) State any four benefits of dams.
- D) Name the two types of food chain.
- E) Define the term 'Foodweb'.
- F) What is a biodiversity hotspot?
- G) Differentiate between renewable and non-renewable energy resources with examples.

**Q.2(A). The River Ganga is one of the most polluted rivers in India. State the causes and effects of water pollution. (10 marks)**

OR

- (X) The quality of Taj Mahal in Agra is getting degraded due to acid rain. Write a note on 'Acid Rain'. (05 marks)**
- (Y) The use of chemicals such as pesticides and fertilizers in agriculture affects the quality of the soil. State the control measures of soil pollution. (05 marks)**

**Q.3(A). India is a megadiverse country that accounts for 7-8% of recorded species of plants and animals. Write a note on one plant species and one animal species endemic to India. (10 marks)**

OR

- (X) Nowadays, loss of biodiversity is one of the most critical environmental issues faced by the world. Explain in detail any one in-situ measure of conservation of biodiversity. (05 marks)**
- (Y) Out of 36 biodiversity hotspots of the world, India has 4 biodiversity hotspots currently. Explain in detail about any one biodiversity hotspot present in India. (05 marks)**

**Q.4(A)** The total forest cover of India is 24.62% of the geographical area of the country. Explain in detail about any five types of forests found in India. **(10 marks)**

OR

**(X)** Deserts experience dry climatic conditions due to which sparse vegetation is present in desert regions. Write a note on uses or importance of desert. **(05 marks)**

**(Y)** North American grasslands are one of the most threatened ecosystems in the world. State the threats faced by the grassland ecosystem in detail. **(05 marks)**

\*\*\*\*\*ALL THE BEST\*\*\*\*\*