

Vidya Vikas Mandal's
Shree Damodar College of Commerce & Economics, Margao –Goa
FY BCA, Semester-I, Supplementary Examination June 2023
Environmental Studies-I (ESA 101)

Duration:1 hour

Max Marks: 30

Instructions: i) All questions are compulsory.

ii) Figures to the right indicate full marks.

Q.1 (A) Define the following terms:

(05x01=05 Marks)

- a) Ecological Pyramid
- b) Land Degradation
- c) Water pollution
- d) Ecological Niche
- e) Food Chain

(05x01=05 Marks)

Q.1 (B) Answer the following questions:

- a) Name any two Environmentalist of India.
- b) State any two disadvantages of Nuclear energy.
- c) Name any two Hotspot regions of India.
- d) Explain Endemic species.
- e) What is the importance of Decomposers in our ecosystem?

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

(A) Pandit Jawaharlal Nehru stated multipurpose dams as "Temples of Modern India". Discuss the statement by explaining uses of dams in brief.

(B) Discuss Food Web. Illustrate a neat labeled diagram for the same.

OR

Q.2 (X) Water is essential for all the life forms present on earth. Illustrate a neat labeled diagram of Water Cycle.

(Y) Modern agricultural practices have led to various effects on environment. Briefly discuss various effects of pesticide and herbicides on environment.

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

(A) Environmental Studies subject is included at school and at college level curriculum. Discuss the statement by citing need and importance of studying Environmental Studies subject.

(B) Goa's ecosystem is under threat due to human activities. Discuss the statement by providing reasons for the same.

OR

(X) India's biodiversity is classified under various bio geographical regions. Briefly explain any two bio geographical classifications of India.

(Y) Conservation of environmental resources is each one's responsibility. Discuss the statement by citing various measures which you will adopt to conserve environment and solve various environmental issues.
