**Duration: 1 hour**                                                  **Max. Marks: 30**

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

**Q.1(A) Define the following terms:-**                        (05x01=05 marks)

1. Decomposer.

2. Mineral.

3. Endangered species.

4. Food chain.

5. Environment.

**Q.1(B) Answer the following questions in about 20-25 words each:**        (05x01= 05 marks)

**a)** Name any two modes through which public awareness can be spread regarding environment.

**b)** What are the causes of floods?

**c)** Define the term 'Biodiversity hotspot'.

**d)** Name the biotic and abiotic components of desert ecosystem.

**e)** Differentiate between renewable and non-renewable energy resources.

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

**(A)** Environmental studies discipline has multiple and multilevel scopes. Write a note on importance of environmental studies.

**(B)** India has now 70,000 megawatt of solar power generation capacity. State the advantages of solar energy.

**OR**

**Q.2(X)** In October 2012, the Supreme Court banned iron ore mining and exports in Goa. Discuss the impact of mining on environment.

**(Y)** The Bhakra Nangal Dam is the largest dam of India. State the benefits of dams.

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

**(A)** India is one of the recognized mega-diverse countries of the world. Explain any five values of biodiversity.

**(B)** Madhya Pradesh state has the largest forest cover in India in terms of area. Explain in brief any five types of forests found in India.

**OR**

**Q.3(X)** Grasslands have reduced drastically in India. State the threats faced by the grassland ecosystem.

**(Y)** Biodiversity loss is one of the most critical environmental issues nowadays. List the advantages of ex-situ conservation method of biodiversity.

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