

**Q.P. Code : 28106**

**[Time: 2 $\frac{1}{2}$  Hours]**

**[ Marks: 60]**

Please check whether you have got the right question paper.

- N.B:
1. All questions are compulsory.
  2. All questions carry equal marks.
  3. Draw neat, labelled diagrams wherever necessary.

- Q.1** Describe with suitable examples the different types of ecological pyramids. **12**  
**OR**
- Q.1 a)** Explain structure and boundaries of ecosystem. **06**  
**b)** Write a note on food web. **06**
- Q.2** Give a detailed account of Nitrogen cycle. **12**  
**OR**
- Q.2 a)** What are impact of Human activity on the ecosystem. **06**  
**b)** Give ecological importance of coral reefs. **06**
- Q.3** Define mineral Resources and it role in development of a Nation. **12**  
**OR**
- Q.3 a)** Explain different factors responsible for the destruction of forests. **06**  
**b)** Describe the status of Biodiversity in India. **06**
- Q.4** Discuss Malthusian theory and distribution of world's Population. **12**  
**OR**
- Q.4 a)** Explain causes and effects of Acid Rain. **06**  
**b)** What are the causes responsible for ozone layer depletion. **06**
- Q.5** Write short notes on **any three** **12**
- a) Ecosystem Imbalance
  - b) Producer's Photosynthesis
  - c) Coastal wetlands.
  - d) Forest Conservation Act 1980
  - e) The Environment Protection Act. 1986
  - f) Green house effect

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