

- (e) Discuss the environmental effects of over-utilization of forest resources.
- (f) What is acid-rain? Explain.
- (g) Explain non-renewable energy.
- (h) Explain different types of environmental pollution in brief.

**PART- B****Attempt any three questions.****(3x20=60)**

- 3. (a) What is a watershed? What are the different management strategies of watershed? Explain.  
(b) Describe the environmental problems associated with mining.
  
- 4. (a) What is air pollution? What are the health effects of air pollution? Explain.  
(b) Explain the structural and functional characteristics of grassland ecosystem.
  
- 5. (a) Discuss threats and conservation of biodiversity.  
(b) Describe the salient features of Water (Prevention & Control of Pollution) Act, 1974.
  
- 6. (a) What are the challenges in family welfare program? Explain.  
(b) Briefly discuss the role of information technology in environmental conservation.
  
- 7. (a) Explain effects of ozone on environment  
(b) Explain causes and effects of Global warming in detail.

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**ENVIRONMENTAL STUDIES**  
**3K4-IES-22**

Time : 3 hrs.

M.M : 100

**Note :—**

1. Part 'A' may be attempted in first 6 pages of Answer Sheet.  
भाग 'क' के सभी उत्तर, उत्तर-पुस्तिका के प्रथम छः पृष्ठों में ही करने हैं।
2. Part 'B' in rest of the Sheets of Answer Sheet.  
भाग 'ख' के उत्तर, उत्तर-पुस्तिका के अगले शेष पृष्ठों में लिखिये।
3. Answers may be given in English or Hindi.  
प्रश्नों के उत्तर अंग्रेजी अथवा हिन्दी में दीजिये।

**PART - 'A'**

1. Explain any ten in brief: -

(10x2=20)

- (a) Incineration
- (b) Malnutrition
- (c) Eutrophication
- (d) Ozone hole
- (e) Nuclear holocaust
- (f) Landslides
- (g) Ecological Succession
- (h) Biodiversity hotspots
- (i) Food-web
- (j) Renewable energy
- (k) Sustainable lifestyles
- (l) Global warming
- (m) Water shed management
- (n) AIDS

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2. Attempt any five questions :

(5x4=20)

- (a) Discuss the major causes of land degradation.
- (b) Explain the major practices for biodiversity conservation.
- (c) Write a short note on solid waste management?
- (d) Explain the environmental effects of thermal pollution?