

6/C-55 (Syllabus-2015)

2 0 2 4

(May/June)

ENVIRONMENTAL STUDIES

(Common Paper)

Marks : 75

Time : 3 hours

*The figures in the margin indicate full marks
for the questions*

PART—A

(Short Answer-Type Questions)

Answer the following questions :

1½×10=15

- 1. What do you understand by the term 'environmental studies'?**
- 2. Define ecosystem.**
- 3. What is environmental pollution?**
- 4. What are human rights?**

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5. Name three renewable resources of energy.
6. What is a food chain? Give example.
7. Mention three sources of urban wastes.
8. What is environmental ethics?
9. Expand the following acronyms :
WWF, CNG, CPCB
10. Give one example for each of the following :
 - (a) A Fossil Fuel
 - (b) A National Park in India
 - (c) An Environmental Organization

PART—B

(Long Answer-Type Questions)

Answer any *five* of the following questions :

4×5=20

11. What is soil erosion? Describe three methods to prevent or control soil erosion. 1+3=4
12. Define biogeochemical cycles. Give a diagrammatical representation of the carbon cycle in nature. 1+3=4

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(Continued)

(3)

13. Differentiate between Greenhouse effect and Global warming. 2+2=4
14. What is population growth? Describe three factors leading to growth of population. 1+3=4
15. Describe, in brief, two causes of drought and two remedial measures for the control or prevention of drought. 2+2=4
16. Give two examples each of endangered and endemic species of India. 2+2=4
17. What is air pollution? Give three remedial measures for control of air pollution. 1+3=4
18. What is disaster management? Mention the do's and don'ts during an earthquake. 1+(1½+1½)=4

PART—C

(Essay-Type Questions)

Answer the following questions :

10×4=40

19. Discuss, in brief, the scope of environmental studies. Explain the multi-disciplinary nature of environmental studies. 5+5=10

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(Turn Over)

(4)

Or

Give a brief account of renewable and non-renewable energy resources with suitable examples. 5+5=10

20. Describe the major functional attributes of an ecosystem. 10

Or

What is biodiversity? Discuss, in brief, the values of biodiversity. 2+8=10

21. Write a short note on any *one* of the following : 10

- (a) Noise pollution—sources, causes and effects
- (b) Ozone layer depletion
- (c) Forest Conservation Act, 1980

22. Write a note on any *one* of the following : 10

- (a) What is sustainable development? Describe the measures for sustainable development.
- (b) Discuss the major issues related to resettlement and rehabilitation of people as a result of development projects.

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