

2021

(July)

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)

Answer *all* questions : $1\frac{1}{2} \times 10 = 15$

1. Define environment.
2. Mention three main causes of deforestation in North-East India.
3. What are biodiversity hot spots? Give one example.
4. What are endemic species? Give one example.

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(Turn Over)

5. What are ozone holes?
6. Mention three main sources of soil pollution.
7. What is disaster management?
8. What is population explosion?
9. What is environmental ethics?
10. Expand the following acronyms :
 - (a) CFC
 - (b) CPCB
 - (c) NWDB

PART—B

(Long answer-type)

Answer any *five* questions : $4 \times 5 = 20$

11. Describe natural resources. 4
12. Mention two causes and two effects of soil erosion. $2+2=4$
13. Distinguish between in situ and ex situ method of biodiversity conservation. 4

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(Continued)

(3)

14. Write briefly on 'pyramid of biomass'. 4
15. Distinguish between primary and secondary pollutants. What are the impacts of air pollution? 2+2=4
16. What is urban waste management? 4
17. What are the main objectives of Human Rights Commission? 4
18. What measures can be taken to reduce the impact of floods and landslides? 2+2=4

PART—C

(Essay type)

Answer the following questions : 10×4=40

19. What are the main causes of depletion of water resources? Mention the various methods of conservation of water resources. 4+6=10

Or

Examine the impact of modern agriculture on the environment and human health. 10

(4)

20. Describe the structural components of an ecosystem. 10

Or

Describe different stages in an ecological succession.

21. Write short notes on any *two* of the following : 5×2=10

- (a) Acid rain
- (b) Impacts of global warming
- (c) Salient features of the Forest Conservation Act of 1980

22. Write short notes on any *two* of the following : 5×2=10

- (a) Consumerism and waste generation
- (b) Role of information technology in environment and human health
- (c) Factors affecting growth of population
- (d) Role of Family Welfare Programmes in population control
