

6/C-55 (Syllabus-2015)

2019

(April)

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)

$1\frac{1}{2} \times 10 = 15$

Answer all questions :

1. What is rainwater harvesting?
2. What is Greenhouse effect?
3. Write on the role of individual in conservation of water resources.
4. Why is the pyramid of energy always upright?

(Turn Over)

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(2)

5. Define endangered species. Mention one endangered species of Meghalaya.
6. Mention two sources of solid waste.
7. Define environmental pollution.
8. Expand the acronym : GIS, IPCC, IUCN.
9. Define sustainable development.
10. How does consumerism affect the environment?

PART—B

(Long answer-type)

Answer any five questions :

4×5=20

11. Write briefly on the ecological uses of forest. 4
12. Explain renewable and non-renewable energy resources with examples. 2+2=4
13. How does a grazing food chain differs from a detritus food chain? 4
14. Discuss any two anthropogenic threats to biodiversity. 2+2=4

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(Continued)

(3)

15. What is noise pollution? What are the sources of noise pollution? 1+3=4
16. Elaborate on the effects of air pollution on human health. 4
17. Discuss the role of information technology in environmental studies. 4
18. What is environmental ethics? Mention some ecocentric thinkings/beliefs that helps in environmental protection. 1+3=4

PART—C

(Essay type)

Answer the following questions :

10×4=40

19. What is environmental studies? Discuss the multidisciplinary nature of environmental studies. Why is there a need for public awareness on environment? 1+6+3=10

OR

20. What is desertification? What are the causes and effects of desertification? 2+4+4=10

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(Turn Over)

21. Give an account of the biotic components of the ecosystem. 10

OR

22. What is man-wildlife conflict? Give two instances of man-animal conflicts in our country. Discuss the causes of man-wildlife conflicts. 2+2+6=10

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

(a) Effects of acid rain

(b) Sources of soil pollution

(c) Salient features of Water (Prevention and Control of Pollution) Act, 1974

24. (a) Discuss the major developmental activities that results in displacement and resettlement of people. 5

(b) What is disaster management? Discuss do's and dont's during an earthquake. 1+4=5
