

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 )

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

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?

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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 :  $4 \times 5 = 20$

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 )

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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 :  $10 \times 4 = 40$

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 )

( 4 )

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

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