

6/C-55 (Syllabus-2015)

2022

( 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 )

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

1. What is marine pollution?
2. What is environmental studies?
3. Define desertification.
4. What is ecological succession?
5. Name three hot spots of biodiversity.

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6. Mention three sources of soil pollution.
7. What are human rights?
8. Mention three effects of population explosion.
9. Expand the acronyms :  
GHG, CFC, GIS
10. Give *one* example for each of the following :
  - (a) Endemic species of Meghalaya
  - (b) An aquatic ecosystem
  - (c) A rainwater harvesting technique

PART—B

( Long answer-type )

Answer any *five* questions : 4×5=20

11. Discuss the environmental effects of extraction of coal or any mineral. 4
12. Differentiate between renewable and non-renewable sources of energy giving examples. 2+2=4
13. What is a food chain and a food web? Give one example of each. 2+2=4

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( Continued )

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14. What is man-wildlife conflict? Give one example to support your claim. 2+2=4
15. Discuss a few issues involved in the enforcement of environmental legislations. 4
16. What is noise pollution? Mention three effects of noise pollution. 1+3=4
17. Describe the relationship between the rise in consumerism and its effect in the generation of wastes. 4
18. Discuss the role of information technology on human health. 4

PART—C

( Essay-type )

Answer the following questions : 10×4=40

19. Why should there be equitable use of resources for maintaining sustainable lifestyles? Discuss the role of individuals in the conservation of natural resources. 4+6=10

Or

What are pesticides? Discuss some of the harmful effects of application of pesticides in the environment. 2+8=10

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( Turn Over )

20. Describe the structure of an ecosystem. 10

Or

Differentiate between *in situ* and *ex situ* conservation of biodiversity. 5+5=10

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

(a) Greenhouse effect and global warming

(b) The Wildlife (Protection) Act, 1972

(c) Sources of urban solid wastes and their management

22. Answer any *one* of the following questions : 10

(a) Define sustainable development. Discuss the four pillars of sustainable development.

(b) Discuss the problems and concerns of resettlement and rehabilitation of people affected by major projects.

(c) Discuss the disaster management measures in relation to earthquakes.

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