

6/C-55 (Syllabus-2015)

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(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 :

1½×10=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 : $4 \times 5 = 20$

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)

(3)

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 : $10 \times 4 = 40$

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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