

2019

GEOGRAPHY

(Major)

Paper : 6.1

(Environment and Development)

Full Marks : 60

Time : 3 hours

The figures in the margin indicate full marks for the questions

1. Answer the following as directed : 1×7=7

(a) Who wrote the book, *Geography : A Modern Synthesis*?

(i) Peter Haggett

(ii) C. Park

(iii) A. Goudie

(iv) E. Huntington

(Choose the correct option)

(b) What is CFC?

(c) Define aerosols.

- (d) When was Montreal Protocol adopted?
(i) 1992
(ii) 1987
(iii) 1997
(iv) 1986

(Choose the correct option)

- (e) What do you mean by 'economic man'?
(f) What are pollutants?
(g) Who coined the term 'biodiversity'?

2. Write very short answers of the following :
2×4=8

- (a) State biotic and abiotic components of an ecosystem.
(b) Define the term 'environmental degradation'.
(c) Distinguish between 'hazards' and 'disaster'.
(d) What are trophic levels?

3. Answer any *three* questions from the following :
5×3=15

- (a) How do you differentiate between desertification and deforestation?

- (b) In what ways, population, resource and development are interrelated?

- (c) Explain briefly the deterministic approach in man-environment relationship.

- (d) Discuss briefly the impact of technology on environment with suitable examples.

- (e) What is sustainable development? What are the steps taken by the United Nations at the Earth Summit, Rio de Janeiro (1992) for controlling the greenhouse gas emissions?

4. Answer any *three* questions from the following :
10×3=30

- (a) State the causes and effects of air pollution in an urban environment with special reference to Delhi metropolitan city.

- (b) "Indian biodiversity is under serious threat." Justify the statement.

- (c) Discuss in detail the probable consequences of global warming.
- (d) Write in detail the causes of soil erosion and its impact on the river.
- (e) Give an account of the major roles and goals of 'biosphere reserves'.
