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3 (Sem-6) GGY M 1

2020

GEOGRAPHY

(Major)

Paper : 6:1

(Environment and Development)

Full Marks : 60

Time : Three hours

The figures in the margin indicate full marks for the questions.

1. Answer the following as directed : $1 \times 7 = 7$

(a) Who has coined the term 'ecosystem'?

(i) G. Taylor

(ii) A. G. Tansley

(iii) C. Linnaeus

(iv) C. C. Park.

(Choose the correct option)

Contd.

(b) How many sustainable development goals are set by the United Nations?

(c) Who is the author of the book 'Influences of Geographical Environment'?

(i) E. Haeckel

(ii) E. Huntington

(iii) E. P. Odum

(iv) E. C. Semple.

(Choose the correct option)

(d) Give a comprehensive definition of environment in a sentence.

(e) What are the abiotic components of biosphere?

(f) What is the permissible limit of arsenic (in mg/litre) as impurity in water?

(i) 5.00

(ii) 0.05

(iii) 0.001

(iv) 0.10. (Choose the correct option)

(g) What are the sources of land pollution?

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

(a) Write *any two* sustainable development goals of the United Nations.

(b) Mention *two* adverse effects of accelerated soil erosion.

(c) What are the main sources of Sulphur Oxides?

(d) Suggest *any two* measures of solid waste management practices.

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

(a) Discuss the major environmental issues in an industrialised country.

(b) What are the major factors of climate change?

(c) Discuss the impacts of population growth on economic development.

(d) Describe the major efforts undertaken for preserving the biodiversity.

(e) What is the role of geography in management of environment and development?

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

(a) What are the causes of water pollution ?
How can it be controlled ? 6+4=10

(b) Discuss the flood hazard management practices adopted by the affected people. 10

(c) What are the major consequences of an earthquake ? 10

(d) What are the effective development policies which may preserve our environment ? 10

(e) Discuss the major types of environmental problems with special focus on their geographical dimensions. 10