2018

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) Define environment.

(b) Define the term 'sustainable development'.

(c) Who defined geography as 'Human Ecology'?

(i) H. H. Barrow

(ii) Friedrich Ratzel

(iii) Vidal de La Blache

(iv) Carl O. Sauer

(Choose the correct one)

(d) What is biome?

(e) What do you mean by desertification?

(f) Which is the most important green-house gas emitted by human activities?

(i) Carbon dioxide

(ii) Methane

(iii) Water vapour

(iv) Ozone (Choose the correct one)

(g) Kyoto Protocol was adopted to UNFCCC in

(i) 1992

(ii) 1990

(iii) 1996

(iv) 1997 (Choose the correct one)

2. Give very short answers to the following : 2×4=8

(a) State the four interrelated spheres of environment.

(b) Differentiate 'ecology' from 'ecosystem'.

(c) Define El Niño and La Niña.

(d) Define the term 'wetlands'.

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

(a) What do you mean by global warming? What are the causes responsible for global warming? 2+3=5

(b) What is 'biodiversity hotspots'? Discuss briefly with reference to India. 1+4=5

(c) What are the causes of degradation of soil?

(d) Discuss the steps taken to mitigate the flood risk with reference to the Brahmaputra river.

(e) What are the principal pollutants that pollute the environment? State briefly the causes and consequences of these pollutants. 2+3=5

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

(a) Discuss in brief the economic aspects of climate change.

(b) Discuss the role of geography in environmental management and development.

(c) Write in short the causes, effects and controls of desertification.

(d) What is biome?

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(Continued)

(d) Explain how waste mana
limit damage done to the
and conserve scarce resou

(e) What are the major
sustainable development?
account of the efforts
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(a) Discuss in brief the economic aspects of climate change.

(b) Discuss the role of geography in environmental management and development.

(c) Write in short the causes, effects and controls of desertification.

(Turn Over)

(d) Explain how waste management can limit damage done to the environment and conserve scarce resources.

(e) What are the major threats to sustainable development? Write a brief account of the efforts adopted by India for enduring environmental sustainability. 3+7=10

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