

2016

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/Choose the correct option of the following : 1×7=7
- (a) Define 'ecology'.
- (b) Which of the following is related to Palmer idea?
- (i) Tsunami
 - (ii) Flood
 - (iii) Earthquake
 - (iv) Drought
- (c) The Environment Protection Act was passed in India in the year
- (i) 1986
 - (ii) 1992
 - (iii) 2001
 - (iv) 2015

(2)

- (d) Texture of soil implies
- particle size
 - arrangement of particles
 - moisture content
 - colour of soil
- (e) Which of the following soils does not develop *in situ*?
- Sierozem
 - Laterite
 - Alluvial
 - Chestnut
- (f) The deforestation does not lead to
- rapid surface flow
 - soil erosion
 - industry
 - man-animal conflict
- (g) 'Sundari' in Sundarban delta is a
- conifer
 - broad bat
 - grass
 - mangrove

(3)

2. Give short answers to the following : $2 \times 4 = 8$

- How will you differentiate hazards from disasters?
- What is sustainable development?
- What are greenhouse gases?
- State the causes and impact of smog.

3. Answer any *three* questions from the following : $5 \times 3 = 15$

- What are the environmental conditions necessary for a rhino habitat?
- What are the causes and consequences of flash floods?
- How does water pollution create health hazards?
- How do geographers view environment study?
- State at least three steps to be taken in flood-prone areas to save life and property.

4. Answer any *three* questions from the following : $10 \times 3 = 30$

- How does climate change affect environment?

- (b) How does soil degradation take place?
- (c) What are droughts? How do they affect man and his environment?
- (d) Discuss the concept of sustainable development with respect to forest resources.
- (e) Review the scenario of man-elephant conflicts in the State of Assam.
