

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

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

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

(a) How will you differentiate hazards from disasters?

(b) What is sustainable development?

(c) What are greenhouse gases?

(d) State the causes and impact of smog.

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

(a) What are the environmental conditions necessary for a rhino habitat?

(b) What are the causes and consequences of flash floods?

(c) How does water pollution create health hazards?

(d) How do geographers view environment study?

(e) 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 : $10 \times 3 = 30$

(a) 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.
