

Total number of printed pages—4

3 (Sem-6) GGY M 1

2022

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/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

Contd.

(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 :

2×4=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 :

5×3=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 : 10×3=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.