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3 (Sem–6) GGY M 1

2021

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.***

GROUP–A

Marks : 30

1. Answer the following questions : $1 \times 5 = 5$
 - (a) When was IPCC established ?
 - (b) What is biome ?
 - (c) What is Permaculture ?
 - (d) What do you mean by acid rain ?

Contd.

- (e) Define sustainable development.
2. Give very short answers to the following questions : $2 \times 5 = 10$
- (a) Define trophic levels.
- (b) Distinguish between food chain and food web in the ecosystem.
- (c) What is global warming ?
- (d) Define the term 'carrying capacity' in the environment.
- (e) What is greenhouse effect ?
3. Answer the following questions : $5 \times 3 = 15$
- (a) Discuss briefly the major threats to biological diversity.
- (b) What are the causes of deforestation ?
- (c) What do you mean by Carbon Cycle ? Explain with suitable diagrams.

GROUP - B

Marks : 30

4. Answer **any three** questions from the following in **150** words. $10 \times 3 = 30$
- (a) How Indian rivers become polluted ?

- (b) With suitable examples, discuss the impact of developmental processes on environmental degradation and human health.
 - (c) Discuss the role of Geography in environmental management and development.
 - (d) Discuss the problems of global warming and climate change in the world.
 - (e) What is sustainable management in Geography ? Discuss the strategies for stabilizing carbon emission in atmosphere.
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