14 (GGY-1) 1036

Charchyo 2021 and has been at

A TORON OF A BOARD OF BELLEVIEW

(Held in 2022)

GEOGRAPHY

Paper: GGY-1036

(Climatology and Biogeography)

Full Marks: 80

Time: Three hours

The figures in the margin indicate full marks for the questions.

UNIT-I

(Climatology)

Marks: 48

Group-I

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Marks: 32

Answer any two of the following question:

1. Discuss the factors influencing generation of global wind systems. How are the major pressure belts related to it? 10+6=16

2. Discuss the genesis of extra-tropical cyclones. What are the differences between tropical and extra-tropical cyclones?

10+6=16

Write about classification of world climate
as put forward by Koppen.

Group-II

Marks: 16

Answer any two of the following questions:

- Discuss the scope of climatology in geographical studies.
- 5. What is Walker oscillation and how is it related to Indian Monsoon? 4+4=8
- 6. Explain the factors of global warming. 8

UNIT-II

(Biogeography)

Marks: 32

Group-III

Marks: 16

Answer any one of the following questions:

- 7. Define ecosystem and describe its various components. Illustrate your answer with examples of forest ecosystem. 4+12=16
- 8. Discuss the objectives of National Environmental Policy, 2006. What are the key environmental challenges as documented by this policy? 12+4=16

Group-IV

Marks: 16

Answer any two of the following questions:

9. Discuss the soil formation process. Explain its role in distribution of vegetation.

5+3=8

10. Discuss the wildlife conservation measures in North-East India.8

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- 11. Write short notes on (Any two): $4\times2=8$
 - (a) Food chain
 - (b) Types of biodiversity
 - (c) Key questions of biogeography

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