

Total number of printed pages-4

14 (GGY-1) 1036

2021

(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

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

Contd.

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

10+6=16

3. Write about classification of world climate as put forward by Koppen. 16

Group-II

Marks : 16

Answer *any two* of the following questions :

4. Discuss the scope of climatology in geographical studies. 8

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

11. Write short notes on **(Any two)** : 4×2=8

(a) Food chain

(b) Types of biodiversity

(c) Key questions of biogeography