

C 20616

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Name

Reg. No.

SIXTH SEMESTER U.G. DEGREE EXAMINATION, MARCH 2022

(CBCSS—UG)

Geography

GRY 6B 12 (E2)—BIOGEOGRAPHY

(2019 Admissions)

Time : Two Hours

Maximum : 60 Marks

Section A*Answer at least **eight** questions.**Each question carries 3 marks.**All questions can be attended.**Overall Ceiling 24.*

1. Discuss the significance of Biogeography.
2. Define Food Web.
3. Differentiate Ecotone and Community.
4. What is Genetic diversity ?
5. What are Biodiversity Hotspots ?
6. What are Endemic species ? Cite an example.
7. What do you mean by a Tiger reserve ?
8. What are Autotrophs ? Give an example.
9. Define Desertification.
10. What is Agenda 21 of UN ?

(8 × 3 = 24 marks)

Turn over

Section B

*Answer at least **five** questions.*

Each question carries 5 marks.

All questions can be attended.

Overall Ceiling 25.

11. Explain Darwin's Theory of Evolution.
12. Differentiate Habitat and Biome.
13. Briefly explain the Basic Ecological Principles.
14. Describe the energy flow in a Food chain.
15. Discuss in brief about the Nitrogen cycle.
16. Discuss the need for conservation of Biodiversity.
17. How climatic changes affect the biodiversity of a region ?
18. Give an account of the Tundra biome.

(5 × 5 = 25 marks)

Section C

*Answer any **one** question.*

The question carries 11 marks.

19. Explain in detail about the causes for the destruction of biodiversity in world.
20. Distinguish between National Parks, Wildlife Sanctuaries and Biosphere reserves.

(1 × 11 = 11 marks)