

**2022**

**GEOGRAPHY — HONOURS**

**Paper : CC-6**

**(Hydrology and Oceanography)**

**Full Marks : 50**

*The figures in the margin indicate full marks.*

*Candidates are required to give their answers in their own words  
as far as practicable.*

**Group - A**

Answer *any five* questions (each within **50** words).

2×5

1. What are the effects of ice age on hydrological cycle?
2. What is evapotranspiration?
3. What is connate water?
4. What do you understand by interception storage?
5. Distinguish between swash and backwash.
6. What is T-S diagram?
7. What is an atoll?

**Group - B**

Answer *any four* questions (each within **150** words).

5×4

8. What are the effects of expansion of urbanisation on hydrological cycle?
9. What is basin hydrological cycle?
10. Why are oceans considered as storehouse of resources?
11. Write a brief note on air-sea interaction.
12. Write a short note on watermass.
13. Explain the formation of mid-oceanic ridges.

**Please Turn Over**

**Group - C**

Answer *any two* questions (each within **500** words).

10×2

14. Discuss the factors that control recharge and discharge of groundwater.
  15. Explain the components and objectives of watershed management.
  16. What are the factors influencing the distribution of temperature of ocean water?
  17. Explain the causes of sea-level change.
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