

# KANYASHREE UNIVERSITY

M.A./M.Sc. 2<sup>nd</sup> Semester Examination-2024

Subject: Geography

Course-CC 207

Hydrology & Oceanography

Full Marks-40

Time-2.00 Hours

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## Group-A

[Answer **any four** of the following]

(5x4=20)

1. Describe the various components of hydrological budget.
2. What are the techniques for water management in tropical cities?
3. Distinguish between the conditions of Spring tide from Neap tide.
4. Briefly explain the different modes of occurrence of groundwater.
5. How are wind waves generated?
6. State the importance of EEZ for coastal zone management.
7. How does longshore drift occur?

## Group-B

[Answer **any two** of the following]

(10x2=20)

1. Explain the causes and impacts of sea level change.
2. Explain the bottom topography of Indian ocean with suitable illustration.
3. Analyze the principles of integrated basin management with reference to micro-watershed planning, with relevant examples.
4. Explain the processes of formation of the mid-oceanic ridges and fracture zones.

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