

2023
B.A./B.Sc.
Fourth Semester
CORE – 8
GEOGRAPHY
Course Code: GGC 4.11
(Hydrology & Oceanography)

Total Mark: 70
Time: 3 hours

Pass Mark: 28

Answer five questions, taking one from each unit.

UNIT-I

1. Explain the nature and scope of hydrology. 14
2. What are the elements of hydrological cycle? Explain them briefly. 4+10=14

UNIT-II

3. Describe drainage basin characteristics with suitable diagrams. 11+3=14
4. Explain drainage basin hydrological cycle with suitable diagram. 14

UNIT-III

5. What is ground water? Write a note on the occurrence of ground water with diagram. 2+10+2=14
6. How do human activities impact hydrological processes and system? Explain. 14

UNIT-IV

7. What is vertical distribution of temperature of ocean water? Bring out some of the salient features of vertical distribution of temperature. 4+10=14

8. Discuss the general surface configuration of the ocean floor with the help of a suitable diagram. 14

UNIT-V

9. Discuss the nature and origin of marine deposits in different parts of the ocean floor. 7+7=14
10. Present origin of coral reefs according to Murray's theory of non-subsidence with the help of a diagram. 11+3=14
-