

MUGBERIA GANGADHAR MAHAVIDYALAYA
DEPARTMENT OF GEOGRAPHY
MODEL QUESTION Paper:DSE-1T
HYDROLOGY & OCEANOGRAPHY
B.Sc. SEM-V, Geography(Hon's), Session:2019

1. What is aquitard? Marks:2
2. What is 'aquifer'?
3. What is meant by evapotranspiration?
4. Define pycnocline.
5. Mention two measures of infiltration.
6. What is atoll?
7. Differentiate guyot and seamount.
8. What is amphidromal point ?
9. What is EEZ?
10. What is T. S. diagram ?
11. What are the properties of a wave?
12. What factors are responsible for salinity of ocean water?
13. What is oceanic ridge ?
14. What is oceanic trench?
15. Distinguish between drainage basin and river valley. Marks:5
16. Explain the controlling factors of surface runoff.
17. Mention the controlling factors of ground water recharge.
18. Discuss the different principles of (roof-top) water Harvesting.
19. What do you mean by ocean circulation?

20. Explain the different mechanism and causes of sea level change.

21. Classify the tides with their characteristics.

22. Make a comparison between subsidence theory and stationary theory of coral reef formation.

Marks:10

23. Discuss the factors of genesis of ocean currents. 10

24. Classify marine resources and mention their economic importance. 6+4

25. Discuss the different methods and importance of rain water harvesting.6+4