

First semester Exam (2024-2025)

Name :-

Class -9th

T M :- 40

Roll No:-

Subject - Geography.

Time=2 hrs

Q1] A) Identify the odd man out:-

[3]

- 1] Orographic rainfall , acid rain , cyclonic rainfall , convectional rainfall.
- 2] Snow fall , rainfall , hailstone ,dew.
- 3] Thermometer , rain gauge , anemometer , measuring jar.

B] Distinguish between :- (any two)

[4]

- 1] Dew and frost.
- 2] Earthquakes and volcano.
- 3] Snow and hail

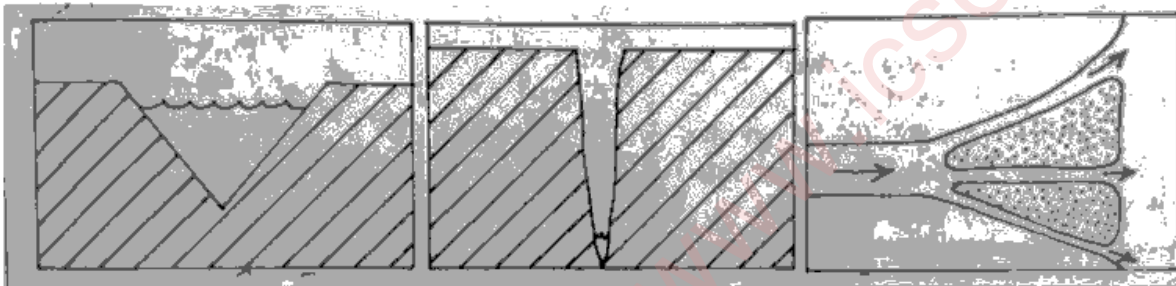
C] True or false :-

[3]

1. Climate affects earthquakes
2. Mechanical Weathering is less effective in humid climate.
3. The temperature range helps the winds in its work.

D] Identify the name the landforms in the following diagrams:

[3]



1. _____ 2. _____ 3. _____

Q2] A) Answer the following question :- (Any four)

[8]

- 1] List the Landforms that are a result of the erosional work of the rivers ?
- 2] What is Mechanical weathering?
- 3] In what ways does precipitation occur on the earth ?
- 4] Which types of rainfall occur in the most of the world ?.
- 5] Name the factors affecting salinity ?

B] Explain how temperature affects the following:-

[4]

- 1] The density of sea water .
- 2] The salinity of sea water .

Q3. A] Give reasons:-

(Any four)

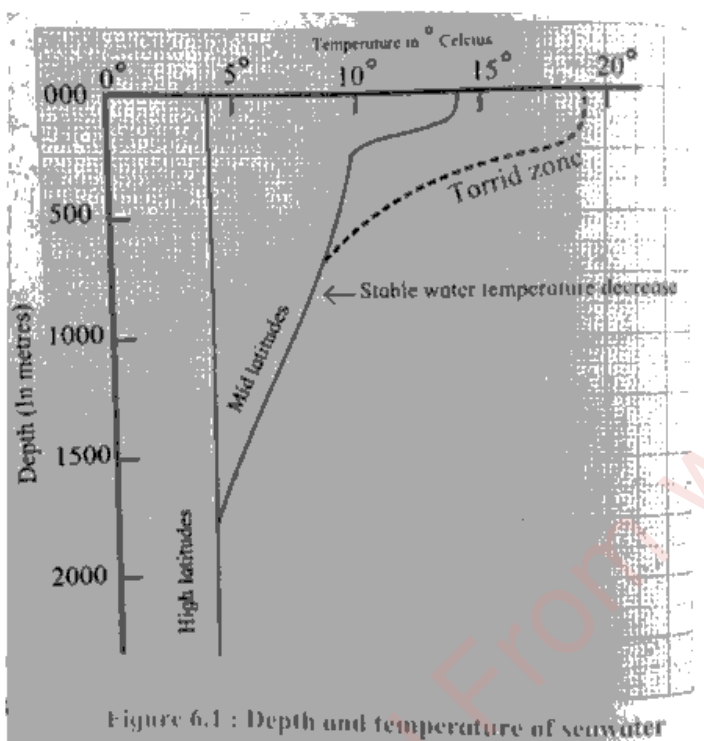
[8]

- Q1] Salinity is low in the land locked Baltic sea ?
- Q2] Most of the Volcanoes are found on the plate boundaries .
- Q3] Ocean Located at the same Latitude do not have same salinity
- Q4] The Barren Island is becoming conical in shape.
- Q5] There is higher salinity in the Northern Red Sea while lower in the southern.

B] Complete the table by classifying the Landforms. [3]
 (waterfall , delta, cirque , arete , barchans , moraine , pothole , mushroom rock , sinkholes , beach , pillars Lagoons)

Rivers.	Winds.	Glacier.	Sea Water.	Ground Water.

C] Observe the graph and answer answer the following questions :- [any four] [4]



1. What is the maximum temperature of sea water in equatorial areas? How much is the temperature at depth of 500 m?
2. What is the temperature of sea water at the sea level in the mid latitude?
3. How much has the temperature change at 1500 M depth ?
4. What does the thermal graph of the higher latitudes says ? What is its temperature at 500 ,1000 and 1500 M depth ?
5. After what depth the sea water temperature remain stable everywhere?