

Extra Questions

Q1. Define terrarium? Why is our earth like a terrarium?

Answer:

- A terrarium is an artificial enclosure used for keeping small house plants.
- Our earth is like a terrarium as the water which existed centuries ago still exists. The water used to irrigate fields in Haryana might have in Amazon River centuries ago.

Q2. Define salinity.

Answer:

Salinity is the amount of salt in grams present in 1000 grams of water. The average salinity of oceans is 35 parts per thousand (= 0.035%)

Q3. Swimmers can float in Dead sea. Give reasons.

Answer:

Dead Sea in Israel has salinity of 45 parts per thousand and there the water is dense making it easier for swimmers to float.

Q4. How are Tsunamis formed? How do they cause destruction?

Answer:

- Tsunami is a Japanese word meaning harbour waves.
- Winds blowing at high speed during a storm form huge waves.
- An earthquake, volcanic eruption or underwater landslides can shift large amount of ocean water.

- These tidal waves called Tsunami may be as high as 15 m. It travels at a speed of more than 700 km/hr.
- The areas near the coasts get submerged and it leads to earthquakes also.

Q5.Explain Spring and Neap Tides.

Answer:

- During the full moon and new moon days, the sun, the moon and the earth are in the same line.
- On this day the tides are highest. These tides are called Spring Tides.

Whereas

- But when the moon is in its first and last quarter, the ocean waters get drawn in diagonally opposite direction by the gravitational pull of the sun and the earth.
- It results in low tides. These tides are called Neap Tides.

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