

## Movements of Ocean Water

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### I. Choose the correct answer

Question 1.

Which is the world of the oceans and seas?

- (a) earth's interior
- (b) surface of water
- (c) inner space
- (d) none of these

▼ [Answer](#)

Answer: (c) inner space.

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Question 2.

Popular name of the tropical easterlies is

- (a) prevailing winds
- (b) trade winds
- (c) both of these
- (d) none of these

▼ [Answer](#)

Answer: (b) trade winds.

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Question 3.

Which force deflects water and winds from their original direction of movement?

- (a) coriolis force
- (b) gravitational force
- (c) atmospheric pressure
- (d) none of these

▼ [Answer](#)

Answer: (a) coriolis force.

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Question 4.

Which current is set in motion due to differences in water density?

- (a) cold water current
- (b) warm water current
- (c) gulf stream
- (d) thermocline current

▼ [Answer](#)

Answer: (d) thermocline current.

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Question 5.

The system of winds governing the circulation pattern in the northern portion of the Indian ocean is

- (a) trade winds
- (b) monsoon
- (c) prevailing winds
- (d) none of these

▼ [Answer](#)

Answer: (b) monsoon.

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Question 6.

The upper part of the wave is known as

- (a) trough
- (b) crest
- (c) wave height
- (d) none of these

▼ [Answer](#)

Answer: (b) crest.

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Question 7.

The lower part of the wave is

- (a) crest
- (b) trough
- (c) wavelength
- (d) none of these

▼ [Answer](#)

Answer: (b) trough.

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Question 8.

The periodic rise and fall in the level of the water in seas and oceans is

- (a) tides
- (b) wave
- (c) current
- (d) none of these

▼ [Answer](#)

Answer: (a) tides.

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Question 9.

The fall of sea level is known as

- (a) ebb tide
- (b) tide

- (c) drift
- (d) set

▼ [Answer](#)

Answer: (a) ebb tide.

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Question 10.

Name the tidal crests looking like a vertical wall of water rushing upstream

- (a) tidal bore
- (b) ebb tide
- (c) drift
- (d) none of these

▼ [Answer](#)

Answer: (a) tidal bore.

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Question 11.

Name the ice fields whose height is not more than four metres:

- (a) ice-bergs
- (b) ice-floes
- (c) salinity
- (d) none of these

▼ [Answer](#)

Answer: (b) ice-floes.

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Question 12.

Huge masses of floating ice whose height ranges from 5-90 mts. are known as

- (a) ice-floes
- (b) ice-bergs
- (c) both of these
- (d) none of these

▼ [Answer](#)

Answer: (b) ice-bergs.

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Question 13.

Name the elliptical path formed by moving water due to the coriolis effect:

- (a) gyre
- (b) drift
- (c) trough
- (d) tide

▼ [Answer](#)

Answer: (a) gyre.

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Question 14.

Name the currents flowing from low latitudes to high ones

- (a) warm currents
- (b) cold currents
- (c) ocean waves
- (d) gulf stream

▼ [Answer](#)

Answer: (a) warm currents.

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Question 15.

Vertical distance between a trough and crest of a wave is known as

- (a) wave height
- (b) wave length
- (c) wave period
- (d) none of these

▼ [Answer](#)

Answer: (a) wave height.

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Question 16.

What is the time interval between two successive tides?

- (a) 12 hrs. and 26 minutes
- (b) 12 hrs.
- (c) 12 hrs. and 20 minutes
- (d) 24 hrs. and 26 minutes

▼ [Answer](#)

Answer: (a) 12 hrs. and 26 minutes.

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Question 17.

Name the war pi current which flows on the east of Japan

- (a) Gulf stream
- (b) Kuroshio
- (c) Falkland
- (d) none of these

▼ [Answer](#)

Answer: (b) Kuroshio.

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Question 18.

Name the important current at Atlantic ocean

- (a) Cold current
- (b) Gulf stream
- (c) Benguela current
- (d) none of these

▼ [Answer](#)

Answer: (b) Gulf stream.

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Question 19.

Which current flows along the S.W. coast of Africa?

- (a) Cold Benguela current
- (b) Falkland current
- (c) Kuroshio
- (d) Labrador current

▼ [Answer](#)

Answer: (a) Cold Benguela current.

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Question 20.

The time taken by two consecutive crests to pass any fixed point is called

- (a) wave length
- (b) wave height
- (c) wave period
- (d) none of these

▼ [Answer](#)

Answer: (c) wave period.

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Question 21.

Wind generated waves near the beach are known as

- (a) swell
- (b) surf
- (c) backwash
- (d) none of these

▼ [Answer](#)

Answer: (b) surf.

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Question 22.

The rise and fall of water less than normal is called

- (a) spring Tides
- (b) neap Tides
- (c) tide Bores
- (d) swash

▼ [Answer](#)

Answer: (b) neap Tides.

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Question 23.

Name the cold current that flows along the west coast of Africa:

- (a) Labrador current
- (b) Falkland current
- (c) Canaries current
- (d) Bengula current

▼ [Answer](#)

Answer: (c) Canaries current.

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Question 24.

Name the cold current flowing around the globe near Antarctica:

- (a) Antarctic drift
- (b) Falkland
- (c) Kuroshio
- (d) Canaries

▼ [Answer](#)

Answer: (a) Antarctic drift.

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## II. Fill up the blanks with suitable words

Question 1.

The ..... water is dynamic.

▼ [Answer](#)

Answer: ocean

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Question 2.

Due to attraction of the sun and the moon, the ocean water is raised up and ..... twice a day.

▼ [Answer](#)

Answer: fallen down

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Question 3.

The ..... provides the energy to the waves.

▼ [Answer](#)

Answer: winds

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Question 4.

..... is the rate at which the wave moves through the water and is measured in knots.

▼ [Answer](#)

Answer: Wave speed

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Question 5.

Movement of water caused by meteorological effects are called .....

▼ [Answer](#)

Answer: surges

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Question 6.

The highest tides in the world occur in the ..... in ....., Canada.

▼ [Answer](#)

Answer: Bay of Fundy, Nova scotia

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Question 7.

Tides having variations in height are known as .....

▼ [Answer](#)

Answer: mixed tides

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Question 8.

Differences in water density affect vertical mobility of .....

▼ [Answer](#)

Answer: ocean currents

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Question 9.

..... flows eastward across the Atlantic as North Atlantic drift.

▼ [Answer](#)

Answer: Gulf stream

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Question 10.

South equatorial current joins with the ..... current and it becomes the Agulhas current.

▼ [Answer](#)

Answer: Mozambique

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