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Oceanography Question for CDS Exams

Oceanography Quiz 1

Direction : Study the following question carefully and choose the right answer.

1. Which one among the following is a sea without having a coastline?

- A. North sea B. Sargasso sea C. Baltic sea D. Bering sea

2. Which one among the following is a cold ocean current?

- A. Canary current B. Brazil current C. Gulf stream D. Kuroshio current

3. The highest of all spring tides occurs at the time of

- A. Full or new moon in association with winter solstice
B. Full or new moon in association with equinox
C. Full or new moon in association with summer solstice
D. Winter as well as summer solstices

4. Which one among the following is not a cause of generation of ocean currents?

- A. Planetary winds
B. Variation in ocean water temperature
C. Revolution of the Earth
D. Shape and configuration of the coastlines

5. Sargasso sea is characterised by

- A. Very cold water B. Very warm water C. Highly saline water
D. Typical marine vegetation

6. The riverbank is weakest where the river turns. This is because water

- A. Gets concentrated on the inner bank of the turn, making it denser
- B. Effectively bounces off the outer bank as it turns exerting an extra pressure on the bank
- C. Flows faster as it turns
- D. Reacts more effectively with the bank at a turn

7. Which one among the following sequences of water bodies, from lower to higher salinity concentration, is correct?

- A. Gulf of California-Baltic Sea-Red Sea-Arctic sea
- B. Baltic Sea-Arctic Sea-Gulf of California-Red Sea
- C. Red Sea-Gulf of California-Arctic Sea-Baltic Sea
- D. Arctic Sea-Gulf of California-Baltic Sea-Red Sea

8. Which strait separates Europe from Africa?

- A. Mallaica
- B. Gibraltar
- C. Berring
- D. Palk

9. Which of the following oceans has the shape of the English letter 'S'?

- A. Atlantic
- B. Pacific
- C. Indian
- D. Arctic

10. Which is the largest island in the world (if Australia is not considered an island)?

- A. Iceland
- B. Borneo
- C. Sumatra
- D. Greenland

Correct Answers:

1	2	3	4	5	6	7	8	9	10
B	A	B	C	B	B	B	B	A	D

Explanations:

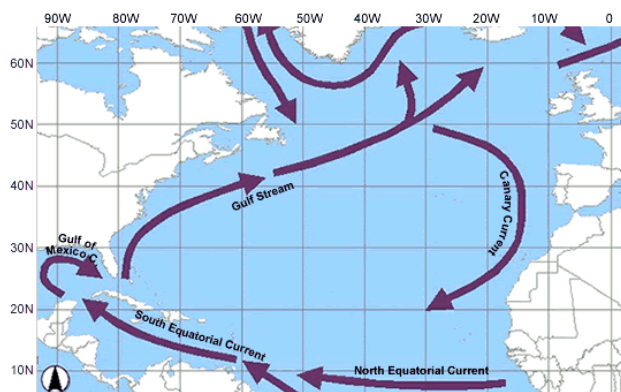
1.

Sargasso Sea does not have a coastline, because it is located in the middle of the Atlantic ocean.



2.

The Canary Current is a wind-driven surface current that is part of the North Atlantic Gyre. It is a cold ocean current.



3.

Spring Tide:

a tide just after a new or full moon, when there is the greatest difference between high and low water.

The highest of all spring tides occurs at the time of full or new Moon in association with equinox.

4.

Ocean Current:

An ocean current is a continuous, directed movement of seawater generated by forces acting upon this mean flow, such as breaking waves, wind, the Coriolis effect, cabbeling, and temperature and salinity differences, while tides are caused by the gravitational pull of the Sun and Moon.

5.

The Sargasso Sea is located around the Bermuda Islands between Florida and the Azores in the South-Western, North-Atlantic and partly belongs to the area of hte Bermuda Triangle. The Gulf stream and the North Equatorial current encircles the Sargasso Sea, causing the oval-shaped sea to flow in a slow, clockwise drift. Both currents push warm water into the Sargasso Sea, which keeps the sea warm.



6.

The riverbank is weakest where the river turns. This is because water effectively bounces off the outer bank as it turns, exerting on extra pressure on the bank.

7.

The correct sequences of water bodies, from lower to higher salinity concentration, is **Baltic Sea-Arctic Sea- Gulf of California- Red Sea**.

The Red Sea is one of the most saline bodies of water in the world, due to high evaporation.

8.

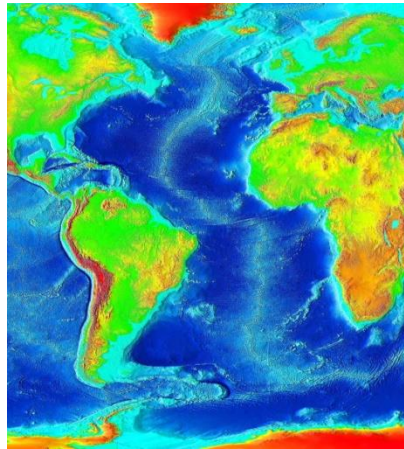
The Strait of Gibraltar connects the Atlantic Ocean to the Mediterranean Sea .It also separates Gibraltar and Peninsular Spain in Europe from Morocco and Ceuta in Africa.



9.

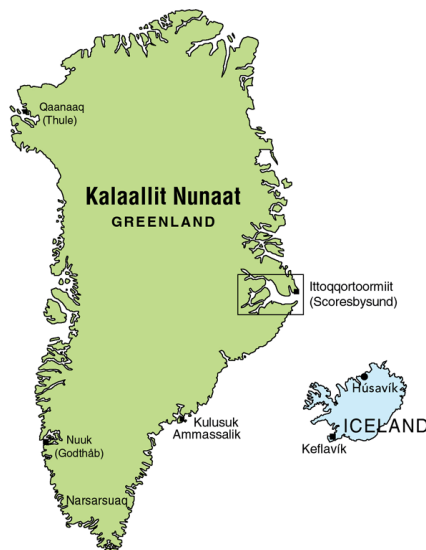
The Atlantic Ocean is the second largest ocean of the world after the Pacific Ocean. It is also known as "Sea of Atlas" in the name of Greek God ATLAS. The Atlantic Ocean

occupies an S-shaped basin extending between Eurasia and Africa to the east, and the Americas to the west.



10.

Greenland is located between the Arctic and Atlantic Oceans. It is an autonomous country within the Kingdom of Denmark. Greenland is a part of the continent of North America and the world's largest island in area, over three-quarters of which is covered by the only contemporary ice sheet outside of Antarctica.





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