

**Q46.** Which of the following statements correctly defines the continental shelf?

- A. It is the outer edge of continental crust abutting oceanic crust under coastal waters.
- B. It is a low-relief zone of accumulated sediments between the continental slope and the abyssal plain.
- C. It is a portion of a continent submerged under an area of relatively shallow water known as a shelf sea.
- D. None of the above

**Q47.** In which of the following areas very narrow continental shelf can be found?

- 1. Coasts of Chile.
  - 2. Coasts of Sumatra.
  - 3. Siberian shelf in the Arctic Ocean.
- Select the correct answer using the codes given below.

- A. 1 and 2 only
- B. 2 and 3 only
- C. 1 and 3 only
- D. 1, 2 and 3

**Q48.** Continental margins consist of:

- 1. Ocean ridges
- 2. Continental slope
- 3. Continental shelf

Select the correct answer using the codes given below.

- A. 1 and 2 only
- B. 2 and 3 only
- C. 3 only
- D. 1, 2 and 3

**Q49.** Consider the following statements regarding the Seamounts:

- 1. Seamounts are volcanic in origin.
- 2. It can rise above the surface of the ocean.
- 3. Seamounts are typically formed from extinct volcanoes that rise abruptly and are usually found rising from the seafloor.

Which of the statements given above is/are correct?

- A. 1 and 2 only
- B. 2 and 3 only
- C. 1 and 3 only
- D. 1, 2 and 3

**Q50.** In which of the following region one can find a large number of 'Submarine Canyons'?

- A. Continental slopes
- B. Deep Sea Plain
- C. Oceanic Trenches
- D. Oceanic Dips

**Q51.** Consider the following Assertion (A) and Reason (R):

A: The oceans in the northern hemisphere record relatively higher temperatures than in the southern hemisphere.

R: The highest temperature is not recorded at the Equator but slightly towards the north of it.

Select the correct answer using the codes given below.

- A. Both A and R are correct, and R is the correct explanation of A.
- B. Both A and R are correct, but R is not the correct explanation of A.
- C. A is correct, but R is incorrect.
- D. R is correct, but A is incorrect.