

**13.** Which of the following statements are correct?

1. Normally, there is a seven-day interval between the spring tides and the neap tides.
2. The time between the high tide and the low tide is called the ebb.
3. When the Sun, the Moon and the Earth are in a straight line, the height of the tide will be higher.
4. The highest tides in the world occur in the Bay of Fundy, in Nova Scotia, USA.

Select the correct answer using the code given below:

- (a) 1 and 3 only  
(b) 1, 2 and 3 only  
(c) 2, 3 and 4 only  
(d) 1, 2, 3 and 4

**14.** Which of the following forces influence the ocean currents?

1. Heating by solar energy
2. Gravity
3. Coriolis Force

Select the correct answer using the code given below:

- (a) 1 and 3 only  
(b) 2 and 3 only  
(c) 1 and 2 only  
(d) 1, 2 and 3

**15.** Which of the following statements is/are correct?

1. West coasts of the continents in the middle and the higher latitudes are bordered by cold waters.
2. Warm currents flow parallel to the east coasts of the continents in the tropical and the sub-tropical latitudes.

Select the correct answer using the code given below:

- (a) 1 only  
(b) 2 only  
(c) Both 1 and 2  
(d) Neither 1 nor 2

**16.** Consider the following pairs:

S.N.	Geological era	Major events
1.	Cainozoic	Early human ancestor.
2.	Mesozoic	The age of the dinosaurs.
3.	Palaeozoic	First trace of life on land.
4.	Pre-Cambrian	Origin of the Sun.

Which of the pairs given above are correctly matched?

- (a) 1, 2 and 3 only  
(b) 2 and 3 only  
(c) 2, 3 and 4 only  
(d) 1, 2, 3 and 4

**17.** Consider the following statements about the Continental Drift Theory:

1. This Theory is regarding the distribution of the oceans and the continents.
2. It was given by Alfred Wegener.
3. The super continent was named 'Pangaea' and the Mega Ocean was called 'Panthalassa'.

Which of the statements given above are correct?

- (a) 1 and 3 only  
(b) 2 and 3 only  
(c) 1 and 2 only  
(d) 1, 2 and 3

**18.** Which of the following evidences support the Continental Drift Theory?

1. The rocks of the same age across the oceans.
2. The occurrence of rich placer deposits of gold in the Ghana coast.
3. The Jig-Saw-Fit of Africa and South America.

Select the correct answer using the code given below:

- (a) 1 and 3 only  
(b) 2 and 3 only  
(c) 1 and 2 only  
(d) 1, 2 and 3