

Q.1) Consider the following statements:

1. Sea Floor Spreading hypothesis was proposed by Harry Hess.
2. Age of the rocks decreases as one moves away from the oceanic ridge.
3. One of the evidences of seafloor spreading is reversal of polarity in rocks at both the sides of the oceanic ridge.

Which of the statements given above is/are correct?

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

Q.2) Consider the following pairs:

<i>Strait/Canal</i>	<i>Linked water bodies</i>
1. Malacca Strait	Indian Ocean and the South China Sea
2. Panama Canal	Pacific Ocean with the Caribbean Sea
3. Bab el-Mandeb	Persian Gulf and the Gulf of Oman
4. Strait of Hormuz	Mediterranean Sea and Indian Ocean

Which of the pairs given above are correctly matched?

- a) 1 and 2 only
- b) 3 and 4 only
- c) 1 and 3 only

d) All of the above

Q.3) With reference to Plate Tectonics, consider the following statements:

1. Indian plate and Eurasian plate collided about 40-50 million years ago.
2. Indian plate is made up of lighter material compared to the Eurasian plate.

Which of the statements given above is/are correct?

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

Q.4) With reference to distribution of temperature in oceans, consider the following statements:

1. In equatorial regions, water temperature decreases rapidly with increasing depth.
2. The rate of decrease of temperature with depths is lower at the equator than at the poles.

Which of the statements given above is/are correct?

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