

**Q.1)** Consider the following statements:

1. Fringing reefs grow near the coastline and are separated from the shore by narrow, shallow lagoons.
2. Atolls are rings of coral with shallow lagoon in middle.

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.2)** Which of the following factors contribute to the movement of ocean currents?

1. Temperature difference of oceanic water
2. Planetary winds
3. Earth's rotation
4. Gravity

Select the correct answer using the code given below:

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

**Q.3)** With reference to ocean currents, consider the following pairs:

<i>Current</i>	<i>Characteristics</i>
1. Canaries current	Cold current of Atlantic Ocean
2. Agulhas current	Warm current of Southern Indian Ocean
3. Irminger current	Cold current of Southern

Pacific

Which of the pairs given above are correctly matched?

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

**Q.4)** With reference to gases in atmosphere consider the following statements:

1. Argon is found naturally in atmosphere.
2. Carbon Dioxide is the second most abundant gas after Nitrogen.

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.5)** Consider the following statements:

1. The thickness of troposphere is greater at the poles than at the equator.
2. The stratosphere contains majority of the ozone layer.
3. In thermosphere temperature decreases rapidly with increasing height.

Which of the statements given above is/are correct?

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