

9. With reference to Interest Rate Derivatives, consider the following statements:
1. They are financial instruments whose value is linked to the movements of the interest rates.
 2. They can be traded in the form of futures, options, or swaps contracts.
- 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
10. Consider the following statements:
1. The Sun rays are never overhead at any point beyond the tropical zone.
 2. In the month of December, Southern Hemisphere has its longest day.
 3. On the day of an equinox, daytime and nighttime are of approximately equal duration all over the planet.
- Which of the statements given above are correct?
- (a) 2 and 3 only
(b) 1, 2 and 3
(c) 1 and 3 only
(d) 1 and 2 only
11. Consider the following statements:
1. Intertropical convergence represents the meeting ground of north-east and south-east trade winds.
 2. Intertropical convergence is the region of ascending air, maximum clouds and heavy rainfall throughout the year.
- 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

12. Arrange the following passes in the west to east direction:
1. Khyber
 2. Shipkila
 3. Zojila
 4. Nathula
 5. Bomdila
- Select the correct answer using the code given below.
- (a) 1-2-3-5-4
(b) 1-3-2-4-5
(c) 3-1-2-4-5
(d) 3-2-1-4-5
13. Consider the following statements with respect to Mascarene High:
1. It is a high-pressure area located near the Mascarene Islands in the southern Indian Ocean.
 2. Arrival of Indian Monsoon may be delayed due to delays in the formation of Mascarene High.
- 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
14. Consider the following pairs:
- | <i>Index</i> | <i>Published by</i> |
|---------------------------------|---------------------|
| 1. Ease of Doing Business Index | : World Bank |
| 2. Human Capital Index | : IMF |
| 3. Global Smart City Index | : UNDP |
- Which of the pairs given above is/are correctly matched?
- (a) 1 only
(b) 1 and 3 only
(c) 2 and 3 only
(d) 1, 2 and 3