









Consider the following statements:

- The doldrums is a low pressure area around Equator where the prevailing winds are calm.
- Chinook is a hot and dry wind that blows in winter and therefore raises the temperature in a short time.

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



- Consider the following statements about Roaring Forties:
 - They are strong Westerly winds found in the oceans of Southern Hemisphere.
 - The strong east to west air currents are caused by the combination of air being displaced from the Equator towards the South Pole and the earth's rotation and abundance of landmasses to serve as wind breaks.

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



Which of the following statements regarding 'aurora' is/arc correct?

- The solar wind upon reaching the Earth's atmosphere is directed towards two magnetic poles and a colourful display of lights is seen in the night sky.
- The particles interact with the different gases of the atmosphere and each gas glows with a particular colour.
- In April 2023, aurora was captured in the night sky in India by the Indian Astronomical Observatory at Hanle, Ladakb.

Select the answer using the code given below:

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

