

## Corrigendum/Explanation SFG FRC 2026 Test 18

**There are no changes to the solutions/answers. Explanations have been provided for the students who have raised doubts.**

**Q.14)** A doubt raised that Assertion(A) “Wind patterns are clockwise in the northern hemisphere and anti-clockwise in the southern hemisphere” is incorrect.

**Exp) Assertion (A) is correct.** The rotation of the Earth about its axis affects the direction of the wind. This force is called the Coriolis force. It deflects the wind to the right direction in the northern hemisphere and to the left in the southern hemisphere (As per the Ferrel’s law). So in general wind pattern in the northern hemisphere would be in a clockwise direction and in the Southern Hemisphere, it would be anticlockwise.

The Question nowhere is talking about the cyclonic/anticyclonic pressure system’s pattern of wind direction.

Source: NCERT Class XI Fundamentals of Physical Geography Chapter 10- Atmospheric Circulation and Weather Systems Page 86-87

**Q.17)** A doubt was raised that Statement 2 of the question is incorrect.

**Exp) Statement 2 is correct.** In the middle latitudes, the circulation is that of sinking cold air that comes from the polar region and the rising warm air that blows from the subtropical high. At the surface these winds are called westerlies and the cell is known as the Ferrel cell.

Note: Better clarity with respect to the statement asked in the question would be provided by the concerned faculty in the next class.

Source: NCERT Class XI Fundamentals of Physical Geography Chapter 10- Atmospheric Circulation and Weather Systems Page 88