

TEST No. 14

TOPIC: TROPICAL CYCLONES

SUBJECT: PHYSICAL GEOGRAPHY

Explanation:

Question 1
Answer C

Explanation: There are no different rainfall cells as in the case of temperate cyclones and hence each part of cyclone yields rainfall. They move from east to west under the influence of trade winds.

Question 2
Answer B

Explanation: Large value of Coriolis force to impart whirl motion, hence their formation restricted to 8° - 20° North South and practically absent in the belt of 5° - 8° wide on both sides of the equator where Coriolis force is minimum.

Question 3
Answer D

Explanation: Eyewall region experiences the maximum sustained winds, i.e. fastest winds in a cyclone.

Question 4
Answer D

Explanation: ALL statements are correct.

Question 5
Answer C

Explanation: both statements are correct.

Question 6
Answer B

Explanation: The diameter of the eye depends on the wind speed. Greater the wind speed, larger the eye region.

Question 7
Answer A

Explanation: Along the eyewall of the cyclone, air slowly sink Inside the eye

Question 8

Answer B

Explanation: Area difference between the two does not affect number of cyclones