

**Class: VII**  
**Subject: Physics**  
**Topic: Winds storms and cyclones**  
**No. of Question: 20**

- Q 1. How satellites are helpful in predicting weather patterns?
- Q 2. How cyclones are formed?
- Q 3. Why wind blows from a region of high air pressure to low pressure area?
- Q 4. How thunderstorms claim more lives than cyclones?
- Q 5. Why winds do not flow in straight N-S direction?
- Q 6. (i) Why monsoon winds are known as seasonal winds?  
(ii) Why sea breeze blow during day?
- Q 7. (i) How winter monsoon winds cause rainfall in Tamil Nadu?  
(ii) Why land breeze blows during night?
- Q 8. What happens when air gets heated?
- Q 9. When we are flying a kite, then the wind coming from our back side helps. Give reason.
- Q 10. What is eye of a storm?
- Q 11. How the tornadoes blow off roofs during storm?
- Q 12. When is a storm expected?
- Q 13. Explain formation of thunderstorms in your words?

- Q 14. How can a person save himself from tornado?
- Q 15. In which area high air pressure is likely to develop?
- Q 16. Why tornadoes are also known waterspouts?
- Q 17. How birds fly?
- Q 18. Suggest two methods to find wind direction at a given place.
- Q 19. Why both polar winds and westerlies blow towards 60 degree N and 60 degree S latitude?
- Q 20. How will you help your neighbours in case cyclone approaches your village/town?