



SCIENCE

I. Very Short Q&A:

- Q1: Moving air is called _____.
- Q2: State the cause of generation of wind.
- Q3: We fill air into a bicycle tube to keep it tight. True/False.
- Q4: Increased wind speed is accompanied by reduced _____.
- Q5: What is the direction of moving air?
- Q6: The greater the difference in air the faster the air moves. True/False
- Q7: Air _____ on heating.
- Q8: Warm air is _____ than the cold air.
- Q9: Smoke goes up because _____
- Q10: From where, does the region close to equator get maximum heat?
- Q11: Define sea breeze.
- Q12: When land breeze does occur in day or in night?
- Q13: What is beau fort scale?
- Q14: Who created beau fort scale?
- Q15: The monsoon wind carry _____ and it rains.
- Q16: Hot, humid tropical areas like India.
- Q17: A thunderstorm is a storm with lightning and thunder. Its produced by a cumulonimbus cloud, usually producing gusty winds, heavy rain and sometimes hail.
- Q18: Thunderstorms are most likely to happen in the spring and summer months and during the afternoon and evening hours.
- Q19: Yes, despite their small size, all thunderstorms are dangerous.
- Q20: Thunderstorm.
- Q21: Lightning is an electric current. True/False.
- Q22: What is hail?
- Q23: What is a monsoon?
- Q24: High speed winds and air pressure difference can cause _____
- Q25: What do you mean by cyclone?
- Q26: How we can monitor cyclones?
- Q27: Which one of the following place is unlikely to be affected by a cyclone.
Amritsar
Puri
Mangaluru
Chennai
- Q28: In summer the winds flow from the land towards the ocean. True/ False
- Q29: The coastline of India is not vulnerable to cyclones. True/ False
- Q30: In winter the winds flow from the _____ to the _____.

II. Short Question & Answer:

- Q1: Why are people advised not to stand near fast moving train?
- Q2: Explain wind.
- Q3: What causes the wind to blow?
- Q4: What is a windstorm?
- Q5: Explain monsoon.
- Q6: What are the global wind patterns?
- Q7: Explain sea breeze.
- Q8: Explain sea breeze with a diagram.

- Q9:** Explain land breeze.
- Q10:** Explain land breeze with a diagram.
- Q11:** How is wind helpful to Earth?
- Q12:** How do windmills work?
- Q13:** What causes a thunderstorm?
- Q14:** What is lightning?
- Q15:** What causes lightening?
- Q16:** How you can find out wind direction at a given place.
- Q17:** State an experiment to show that air exerts pressure.
- Q18:** You want to buy a house. Would you like to buy a house having windows but no ventilators?
Explain your answer.
- Q19:** How will you help your neighbours in case cyclone approaches your village/town?
- Q20:** What planning is required in advance to deal with the situation created by a cyclone?
- Q21:** Explain why holes are made in hanging banners and hoardings
- Q22:** Why are holes made in huge hoardings?
- Q23:** In winter regions near, why does wind blow from land to sea?
- Q24:** What are the effects of cyclones?
- Q25:** How do cyclones effect the environment?
- Q26:** What is an anemometer?
- Q27:** What is a tornado?
- Q28:** How do tornadoes form?
- Q29:** What do tornadoes look like?
- Q30:** What is a Mesocyclones?

III. Long Question & Answer:

- Q1:** Explain wind storms and cyclones along with their effects?
- Q2:** Explain how we can find wind direction at a given place.

