

## Chapter-2

### Worksheet-1

#### Section 1

- Q1. What is wind? How it is classified?
- Q2. Discuss the Air pressure and its examples.
- Q3. How pressure changes with the winds? Explain.
- Q4. Discuss the changes in air with increase in temperature.
- Q5. What factors causes winds on earth?
- Q6. Why monsoon seasons occurs after summer season?
- Q7. How a thunderstorm is formed? Explain.
- Q8. What is a Cyclone? How it is formed?
- Q9. What do you mean by 'eye' of the cyclone?
- Q10. Differentiate between a typhoon and a tornado.

#### Section 2

- Q11. An \_\_\_\_\_ is a device used for measuring wind speed
- a) Barometer
  - b) Anemometer
  - c) Thermometer
  - d) Weather Vane
- Q12. Air moves from \_\_\_\_\_
- a) High Pressure to Low pressure

- b) Low Pressure to high pressure
- c) High Speed to low speed
- d) Low speed to high speed

Q13. Leaves of trees, banner or flags flutter when wind is blowing. Why?

- a) Air occupies space
- b) Air is mixture of gases
- c) Air Exerts pressure
- d) Air is colorless

Q14. When we blow over a paper strip it goes upward. Why?

- a) Blowing over the paper reduces the air pressure above the strip
- b) Blowing over the paper increases the air pressure above the strip
- c) The strip will not go upward at all
- d) None of these is a correct reason

Q15. What is a Hurricane?

- a) Winds from the oceans carrying water
- b) Very low pressure system with very high speed winds revolving around it
- c) Dark funnel shaped cloud that reaches from the sky to the ground
- d) None of these

Q16. A can filled with hot water gets distorted when cold water is poured over it. This happens because

- a) The pressure of the air inside the can decreases than the pressure outside
- b) The pressure of the air inside the can increases than the pressure outside
- c) The pressure of the air inside the can becomes equal to the pressure outside
- d) It is its natural tendency to get distorted.

Q17. The development of the cyclones depends on

- a) Wind speed
- b) Temperature
- c) Humidity
- d) All of the above

Q18. The winds from oceans carry water and bring rain. These winds are called

- a) Typhoon
- b) Tornado
- c) Cyclone
- d) Monsoon

Q19. In coastal areas, cold air flows in the day from sea to land. It is called \_\_\_\_\_

- a) Land Breeze
- b) Cold Breeze
- c) Sea Breeze
- d) Hot Breeze

Q20. A violent tornado travel at a speed of about \_\_\_\_\_

- a) 100 kmph
- b) 200 kmph
- c) 300 kmph
- d) 400 kmph

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