1. Heat

1. Latent heat of fusion for ice is ____.

2. S.I Unit of specific heat is ____.

3. Specific heat ____.

4. Latent heat of vaporization of water is ____.

5. The process of converting solid into liquid is called ____.

6. The amount of a water vapor present in air is called____.

7. _____ is the reverse process of evaporation.

8. Evaporation is a ____ phenomenon.

9. Conservation of steam into liquid is called ____.

10. The water droplets condensed on cold surfaces is called ____.

11. 1 Calorie = ____ joule

12. The temperature of a steel rod is 330K. Its temperature ºC is ____.

13. ____ is used as a coolant.

14. Rate of evaporation depends on ____, ____, ____.

15. Which of the following is a warming process ____?   (   )

    a) Evaporation   b) Condensation   c) Boiling   d) All the above

16. The temperature of a steel rod is 330K. Its temperature ºC is ____. (   )

    a) 45ºc   b) 57ºc   c) 59ºC   d) 63ºc

17. Specific heat S = ____.   (   )

    a) $\frac{Q}{\Delta t}$ b) $Q \Delta t$ c) $\frac{Q}{m\Delta t}$ d) $\frac{m\Delta t}{Q}$

18. ____ is a cooling process.   (   )

    a) Boiling   b) Evaporation   c) Condensation   d) All the above

19. ____ is used as a coolant.   (   )

    a) Benzene   b) Kerosene   c) Grease   d) Water

20. 1 Calorie = ____ joule   (   )

    a) 4.186   b) 0.45   c) 41.86   d) 0.0418

21. Which one has highest specific heat?   (   )

    a) Benzene   b) Lead   c) Water   d) Kerosene

22. Which of the following is surface phenomenon?   (   )

    a) Evaporation   b) Condensation   c) Freezing   d) Melting

23. Rate of evaporation depends on_____   (   )

    a) Surface Area   b) Humidity   c) Temperature   d) All the above

24. The phase changes from gas to liquid is called____   (   )

    a) Boiling   b) Evaporation   c) Condensation   d) Humidity

Answers

1) 80 cal / gm   2) J Kg-1k-1   3) $\left(s = \left[\dfrac{Q}{m\Delta t} \right] \right)$

4) 540 cal/gm   5) Melting   6) Humidity

7) Condensation   8) Cooling   9) Condensation

10) Dew   11) 4.186   12) 57°c

13) Water   14) Surface Area, Humidity, Temperature

15) b   16) b   17) c

18) b   19) d   20) a

21) c   22) a   23) d

24) c