25.Rate of diffusion depends upon:
(a)Temperature (b)Surface area (c)Both temperature and surface area (d)None of these
26. The melting point temperature of the solid state of a substance is 40°C. The freezing point temperature of the liquid state of the same substance will be:
(a)35°C (b)40°C (c)45°C (d)Can't predict
27.Which one will help to accelerate the process of evaporation of a liquid kept in an open china dish?
(a)Keeping dish in open (b)Blowing air into the liquid
(c)Keeping the dish under a running fan (d)All the above
28. When a gas is compressed keeping temperature constant. It results in:
(a)Increase in collision among gaseous molecules
(b)Decrease in speed of gaseous molecules
(c)Decrease in collision among gaseous molecules
29.Pressure of air at sea level is:
(a)One atmosphere (b)760 cm of Hg (c)76 mm of Hg (d)All are correct
30.Gases can be liquefied by
(a) increasing pressure (b) decreasing temperature (c) both (a) and (b) (d) decreasing pressure
31. Which of the following is not matter
(a) Blood (b) Moon rock (c) Electron (d) Humidity
32. Which is more effective in cooling?
(a) Ice at 273K (b) Water at 273 K (c) Water at 373K (d) Ice at 373K
33. 0 ° C temperature is equal to
(a) 0 K (b) 273 K (c) -273 K (d) 300 K
34. The process involving the change of state from solid to gas is called
(a) melting (b) boiling (c) fusion (d) sublimation