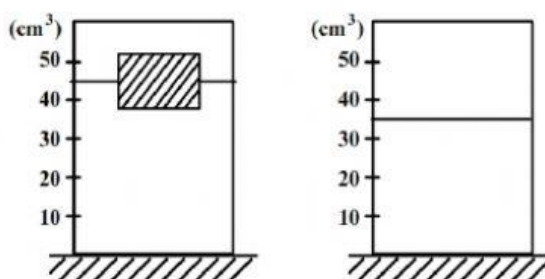
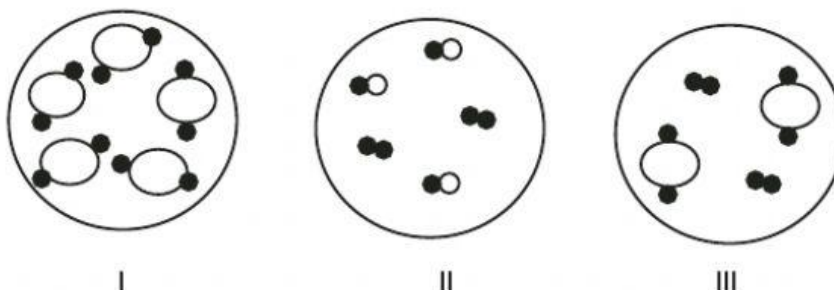


91. Figure shows water levels in a measuring glass with a piece of wood of 220g in the water and when the wood was taken out. What is the density of wood?



91. The density of lead is 10 g/cm^3 . What is the mass of a cube of lead that has sides of length 2 cm ?
 1) 5 g/cm^3
 2) 10 g/cm^3
 3) 22 g/cm^3
 4) 220 g/cm^3
92. One night at 8:00 pm we saw the lightning. At a while we heard the thunder at 8:05 pm. If the speed of sound is 340 m/s . How far was the lightning from us?
 1) $61,200 \text{ m}$
 2) $58,400 \text{ m}$
 3) $44,200 \text{ m}$
 4) $41,400 \text{ m}$
93. Which list shows the correct order from the radiation with the most energy to the radiation with the least energy?
 1) gamma alpha beta
 2) gamma beta alpha
 3) alpha beta gamma
 4) alpha gamma beta
94. Which of three atomic windows shows molecules of both elements and compounds?



- 1) I only
2) II only
3) II and III only
4) I and III only