

### **REVISION QUESTIONS OF PHYSICS FOR CLASS VIII**

1. How does loudness of sound vary with amplitude?
2. State the mathematical relationship among three coefficients of expansion of solid.
3. Find the coefficient of linear expansion of an iron rod if its length at  $x^{\circ}\text{C}$  is  $a_1$  cm and at  $y^{\circ}\text{C}$  is  $a_2$  cm. ( $y^{\circ}\text{C} > x^{\circ}\text{C}$ ).
4. Write two differences between gravitational and magnetic force.
5. Define pressure.
6. State one difference between galaxy and constellation.
7. The frequency of vibration of a sound wave is 40 Hz. Calculate the wavelength if the speed of sound at a particular temperature is  $320 \text{ ms}^{-1}$ .
8. State two usefulness of friction in our daily life.
9. Draw the diagram of a gold leaf electroscope. State the importance of it.
10. Repulsion, not the attraction is the surer indication for the presence of static electricity in an object. Explain.