



QUESTION PAPER OF SCIENCE CLASS IX

MM : 30

- Q.1. Define Matter. Give four examples of matter . (2)
- Q.2. Differentiate between solid, liquid and gases. (2)
- Q.3. Define (i) Diffusion (ii) Pressure. (2)
- Q.4. What is Kinetic energy? (1)
- Q.5.(i) Convert 323k into °C. (ii) Convert 50°C into K. (1)
- Q.6. What is latent heat of fusion? (1)
- Q.7. What is evaporation and what are the factors which affect the rate of evaporation? (2)
- Q.8. Define the unit cell. (1)
- Q.9. Differentiate between Prokaryotic and Eukaryotic cells. (2)
- Q.10. What are the functions of lysosome? Why is it called suicide bags? (2)
- Q.11. Differentiate between plant cell and animal cell? (2)
- Q.12. Draw a well labelled diagram of plant cell. (2)
- Q.13. What is uniform accelerated motion? Give one example. (2)
- Q.14. On a trip from Delhi to Agra. Rahul covers first 100 km at a speed of 4km/h. At what speed he must travel next 200 km so as to average 60km/h. (4)
- Q.15. Under what condition the average speed is equal to average velocity? (2)
- Q.16. Define an expression for $S = ut + \frac{1}{2} at^2$ by graph. (2)