

Class 7

Chap :1

Measurement

1. Define measurement and physical quantities. Write names of any five physical quantities.
2. Write the SI unit of given physical quantities: Length, Time, Temperature, Electric current and Luminous intensity.
3. Define length. Write any three forms and units of length.
4. Write any three importance of measurement.
5. Define mass. What is its SI unit? Write any three units of mass.

Chap :2

Force And Motion

Very Short Questions

1. Define force.
2. What is pulling force ?
3. What is pushing force ?
4. Define centripetal force ?
5. What is centrifugal force ?
6. What is muscular force ?
7. What is gravitational force ?
8. Define gravity.
9. What is magnetic force ?
10. What is electrostatic force ?
11. What is frictional force ?
12. What is displacement ?
13. Define speed.
14. What is average velocity ?
15. What is acceleration ?
16. What is scalar quantity ?
17. What is vector quantity ?
18. Define uniform velocity ?
19. Define variable velocity ?
20. Give any one disadvantage of friction.

Short Questions

1. The earth revolves around the sun, why?
2. Time is called scalar quantity, why?
3. Velocity is a vector quantity, why?
4. Define frictional force. Write down its effects.
5. What are the advantages of friction?
6. What are the disadvantages of friction?
7. What are the methods of reducing friction?
8. Friction is called the necessary evil, why?
9. Name any five types of forces.
10. Define pulling force and pushing force with examples.
11. What are scalar quantity and vector quantity? Give three examples of each.
12. What do you mean by uniform velocity and variable velocity?
13. Define gravitational force and gravity with examples.
14. Define centripetal force and centrifugal force.