

Chapter-1

Worksheet-1

- Q1. Define Measurement. Explain parts of measurements.
- Q2. What are the non-standardized units that were being used before standardization?
- Q3. Explain SI unit of Measurement.
- Q4. What is 'parallax' in measurement?
- Q5. How would you measure the length of a curved line? Explain the steps in detail.
- Q6. What is motion and rest?
- Q7. What are the types of Motion? Explain in detail.
- Q8. Distance between Akash and his shop is 7690 m. Express this distance in kilometers.
- Q9. When a length of a bottle is measured, the reading at one end is 4 cm and reading at other end is 27 cm. Find the length of the bottle.
- Q10. What are the similarities and differences between motion of a spinning top and motion of a car wheel?

Section 2

- Q11. The earliest measure of distance is
- a) Pound
 - b) Paces
 - c) Sticks
 - d) Liters

Q12. A pendulum shows _____ motion

- a) Rectilinear
- b) Circular
- c) Vibrating
- d) Periodic

Q13. The fixed quantity of measurement is called

- a) Pounds
- b) Magnitude
- c) Gallon
- d) Unit

Q14. Who created the metric system?

- a) British
- b) French
- c) Indian
- d) American

Q15. Distance from School to Library is 50 paces. If one pace = 40 cm, what is the distance in SI units?

- a) 8 m
- b) 16 m
- c) 20 m
- d) 2000 m

Q16. The SI unit length is _____

- a) Micrometer
- b) Centimeter
- c) Meter

d) Kilometer

Q17. Hands of a clock shows _____ motion.

- a) Rectilinear
- b) Circular
- c) Periodic
- d) Both b and c

Q18. Which of these is not a SI unit of measurement.

- a) Kg
- b) Meter
- c) Seconds
- d) Foot

Q19. What is one cubit?

- a) Distance between chin and arm
- b) Length of Foot
- c) Distance from elbow to fingertips.
- d) Length of waist

Q20. Motion which repeats itself after a fixed interval of time is called _____ motion.

- a) Periodic
- b) Circular
- c) Rectilinear
- d) Both b and c