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