

Class: VI
Subject: Physics
Topic: Motion and measurement of distance
No. of Questions: 21

1. Name one object that shows multiple motions?
2. How will you measure length in SI system?
3. What is the quantity that can be measured?
4. What type of motion body moves as a whole?
5. Which kind of motion produce sound?
6. What types of motion is noticed in the pendulum of clock and swing?
7. Falling of apple from tree is what types of motion?
8. Discovery of what made transport easy?
9. Motion in which the distance from the axis remain same?
10. To and fro motion of a body about a fix point is example of what type of motion?
11. What is motion?
12. What is the S.I unit of length?
13. What is measurement?
14. What is unit?

15. While measuring the length of a knitting needle, the reading of the scale at one end is 3.0 cm and on the other end is 33.1 cm. What is the length of needle?
16. Describe at least three rules of measuring length correctly.
17. Name two devices used to measure length.
18. Describe the correct method of measurement of length.
19. Circle odd one
 - (a) Table; fan; falling stone; Parked car
 - (b) Bee; butterfly; Grazing Cow; Sleepy Donkey
 - (c) Pendulum; Earth revolving around the Sun; Moon revolving around the earth; Bee revolving on flowers
 - (d) Moving fan; merry go round; A bus moving on road; a stone moving along circular track
20. Fill in the blanks
 1. One meter is -----cm
 2. one centimeter is -----mm
 3. Four km is -----m
 4. The motion of moving bicycle is -----
 5. The motion of drill machine is -----
 6. Motion of child on swing -----
 7. The motion of a top is -----
21. Say true or false
 - (a) Rectilinear and curvilinear cannot happen at the same time
 - (b) Rupa can move in rectilinear and rotary motion at the same time
 - (c) A child on swing has only circular motion
 - (d) Periodic motion is always rectilinear
 - (e) A foot step is used as a standard unit of length.