

Class: 6
Subject: Physics
Topic: Motion and Measurement of Distances
No. of Questions: 20
Duration: 60 Min
Maximum Marks: 60

1. Name the scientist who suggested MKS (meter, kilogram, second) system which later became SI (international system of units)?
 - a. Isaac newton
 - b. Giovanni giorgi
 - c. Napoleaon banoparte
 - d. Galileo galileeAns. B
2. The distance between Delhi and Mumbai is usually expressed in units of
 - a. Decameter
 - b. Meter
 - c. Centimeter
 - d. KilometerAns. D
3. One meter has 10 equal parts called _____
 - a. Millimeters
 - b. Centimeters
 - c. Decimeters
 - d. NanometersAns. C
4. Standard (SI) unit of length is ____
 - a. Meter
 - b. Centimeter
 - c. Inches
 - d. KilometerAns. A
5. Which of the following is not a fundamental unit?
 - a. Meter
 - b. Kilogram
 - c. Kelvin
 - d. Cubic meterAns. D

6. The motion of a drawer table can be termed as_____
- Periodic motion
 - Circular motion
 - Translator motion
 - Random motion
- Ans. D
7. An object moves such that its distances\ from a fix point remains the same
- Oscillatory motion
 - Periodic Motion
 - Rectilinear Motion
 - Circular Motion
- Ans. D
8. In periodic motion, the objects repeat itself after
- Very small period of time
 - A large period of time
 - Same period of time
 - Infinite
 - Period of time
- Ans. C
9. The reading of the scale at one end is 3.0 cm and at the other end is 33.1cm the length of the needle is
- 0.0cm
 - 40.69cm
 - 13.2cm
 - 30.1cm
- Ans. D
10. Some kind of change in the position of an object is called
- Gravity
 - Movement
 - Motion
 - Storm
- Ans. C
11. Motion of wheel of a car is an example of_____
- Translator motion
 - Rectilinear motion
 - Curvilinear motion
 - Circular motion
- Ans. C

12. In _____ of an object moves such that its distance from a fixed point remains same.

- a. Translatory motion
- b. Rectilinear motion
- c. Circular motion
- d. Curvilinear motion

Ans. A

13. The SI unit of speed is:

- a. Rectilinear
- b. Rotation
- c. Oscillatory
- d. Revolution

Ans. A

14. The motion of moving bicycle is -----

- a. Rectilinear
- b. Rotation
- c. Oscillatory
- d. Revolution

Ans. B

15. The motion of drill machine is -----

- a. Rectilinear
- b. Rotation
- c. Oscillatory
- d. Revolution

Ans. C

16. Motion of child on swing is -----

- a. Rectilinear
- b. Rotatory
- c. Oscillatory
- d. Revolutionary

Ans. C

17. The motion of a top is -----

- a. Rectilinear
- b. Rotatory
- c. Oscillatory
- d. Revolutionary

Ans. B

18. Rupa can move in rectilinear and rotatory motion at the same time,

- a. Always
- b. Sometimes
- c. Not possible
- d. None of the above

Ans. B

19. Periodic motion is a rectilinear motion

- a. Always
- b. Sometimes
- c. Not possible
- d. If it is rotating

Ans. D

20. Which is a standard unit?

- a. Length
- b. Height
- c. Weight
- d. Meter

Ans. D