

Worksheet for chapter 10.) : - Motion and Measurement of Distances.

The following questions are important for your exams for 1 mark 2 mark or 5 marks. First solve the questions on your own and then saw the solution for understanding it better.

Practice worksheet for class 6

Section A

Q.1.) what is unit. Give one example.

→ Measurement of some unknown quantity with the fixed quantity and this fixed quantity is called as unit.

Example:- length is measured in centimeter or kilometer. The centimeter and kilometer are units.

Q.2.) 1 m = _____ cm

→ 1m = 100 cm

Q.3.) 1cm = _____ mm

→ 1cm = 10mm

Q.4.) define rectilinear motion.

→The motion which occurs in a straight line called as rectilinear motion.

Q.5.) what is periodic motion.

→ The motion which repeats itself after specific period called as periodic motion.

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Q.6.) which unit system is accepted all over the world.

→ The SI unit system that is international system of units is accepted all over the world.

Q.7.) what is the circular motion.

→ The motion in which object moves in a way such that it's distance from the fixed point remains the same.

Q.8.) name some common units of length.

→ Common units of length are meter, centimeter, kilometer, foot, inch and millimeter.

Q.9.) what is motion.

→ A body said to be in motion when it changes its position with respect to time. Motion simply means the body is moving.

Q.10.) In an ancient time what is the mode of transport.

→ The long ago in ancient times the people do not have any mode of transport. They used to move only by foot and carry goods on their back. Later, they use animals for transportation.

Q.10.) what is the mode of transport in ancient time through water ?

→ Boats are generally used for transportation through water.

Q.11.) what are the modes of transport now a days?

→ After the 19th century, invention of wheel made a great change in mode of transport. Nowadays trains , cars , bikes, railway, airplane are used for the transportation.

Q.12.) define the term hand span ?

→ Hand span is defined as the distance between tip of the thumb and the tip of the little finger of the fully stretched hand.

Q.13.) what are the different units of measurements used in an ancient time ?

→ In an ancient time, length of the foot, hand span and the distance of the step are the common units of measurements used.

Q.14.) what is cubit ?

→ Cubit is a unit of length from the elbow to the fingertips was used in ancient Egypt and was also use as unit of length in other part of the world.

Q.15.) how people measured yard of a cloth.

→ People measured yard of a cloth by the distance between the end of the outstretched arm and their chin.

Q.16.) height of Sujay is 1.76 m, what is the height of Sujay in centimeter and millimeter.

→ As we know 1 meter is equal to 100 cm. Therefore, height of Sujay in centimeter is $1.76\text{m} = 176\text{ cm}$.

As we know $1\text{m} = 1000\text{mm}$

Therefore, $1.76\text{m} = 1760\text{ mm}$.

Q.17.) the height of the wooden board is 185 centimeters so what is the height of the wooden board in mm.

→ As we know $1\text{ cm} = 10\text{ mm}$.

Therefore, $185\text{ cm} = 1850\text{ mm}$.

Q.18.) what are the different types of motion ?

→The motion is of various types.

1. Rectilinear motion
2. Circular motion
3. Periodic motion.
4. Curvilinear motion.

Q.19.) Give two examples of circular motion.

→ Examples of circular motion are as follows:-

1. The motion of blades of an electric fan.
2. The motion of hands of a clock.

Q.20.) Give two examples of rectilinear motion.

→ Examples of rectilinear motion are as follows:-

1. March past of a soldiers in a parade.
2. Vehicle driving in a straight line.
3. 100-meter race of students in a straight path.

Q.21.) Give examples of periodic motion.

→ Examples of periodic motion are as follows:-

1. Motion of child on a swing
2. Motion of pendulum of a clock
3. Motion of strings of guitar and the motion of membrane of drum.
4. A branch of a tree moving to end for.

Regards,

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