

# ATOMIC ENERGY CENTRAL SCHOOL KAIGA

## MODULE 2

CLASS 6

### WORKSHEET-2

#### CH- 10 MOTION AND MEASUREMENT OF DISTANCES

##### I. FILL IN THE BLANKS

1. We can use a \_\_\_\_\_ to measure the length of a curved line.
2. A child swinging on a swing shows \_\_\_\_\_ motion.
3. Motion of a wheel of a bicycle is an example of \_\_\_\_\_ motion.
4. Motion of pendulum of a clock is an example of \_\_\_\_\_ motion.
5. A \_\_\_\_\_ is used to measure the size of our chest.

##### II. MCQ

6. A ball rolling on the ground possesses  
a) rectilinear motion    b) rotational motion    c) both a and b    d) none of these
7. Motion of the needle of a sewing machine is  
a) rectilinear    b) circular    c) periodic    d) all of these
8. March past of soldiers in a parade is an example of  
a) rectilinear    b) circular    c) periodic    d) all of these
9. The motion of strings of a guitar is  
a) rectilinear    b) circular    c) periodic    d) all of these
10. The motion of a spinning top is linear motion  
a) true    b) false    c) may be true or false    d) none of these

##### III. ANSWER THE FOLLOWING:

11. Define motion
12. What is rectilinear motion? Give two examples.
13. How will you measure the length of a curved line? Explain with a diagram.
14. Give two examples of circular motion.
15. Differentiate between periodic motion and circular motion.