



**INDIAN SCHOOL MUSCAT
MIDDLE SECTION**



SUBJECT: SCIENCE

REVISION WORKSHEET #12

TOPIC: MOTION AND TIME

CLASS: VII

RESOURCE PERSON: Ms. SOJITHA NAIR

DATE: /01/19

Name of the student _____ Sec _____ Roll no _____

Q.1. Define Uniform motion.

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Q.2. What do you mean by time period of a pendulum? A simple pendulum undergoes 10 oscillations in 5 seconds. Calculate its time period.

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Q.3. A spaceship travels 36,000km in one hour. Calculate its speed in m/s.

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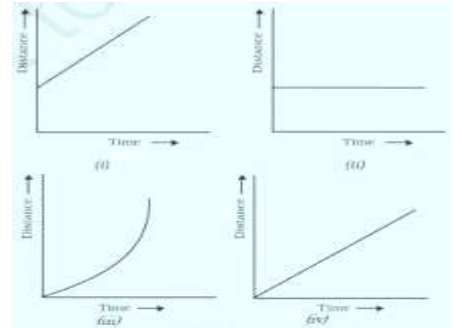
Q.4.Rahul walks to the park which is at a distance of 3 km from his home in 30 minutes. After playing with his friends he comes back by a bicycle with his friend and reaches home in 20 minutes. Calculate his average speed?

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Q.5. Draw and label an oscillating simple pendulum.

Q.6. The distance between two stations is 1995 km. How much time it will take to cover this distance at an average speed of 19 km/hr?

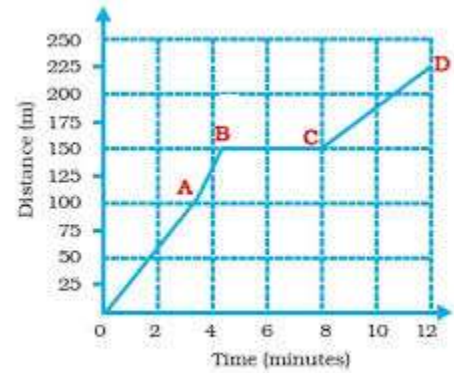
Q.7. Identify the type of motion represented in the given graphical representation.



Q.8. What is the function of Odometer in a vehicle?

Q.9. Sachin goes to the football ground to play football. The distance –time graph of his journey from his home to the ground is given as a graph.

i) What does the graph between point B and C indicate about the motion of Sachin?



ii) Is the motion between 0 to 4 minutes uniform or non- uniform?

iii) What is his speed between 8 and 12 minutes of his journey?
