

City International School

First Summative Assessment 2015 - 2016

Date : 09/10/2015

Std : VII

Subject : Physics (Paper I)

Marks : 60

Time : 1hrs

Answers to this paper must be written on the paper provided separately.

You will not be allowed to write during the first 15 minutes.

This time is to be spent in reading the question paper.

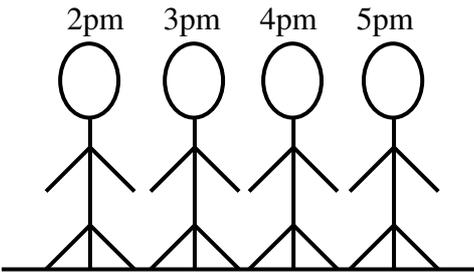
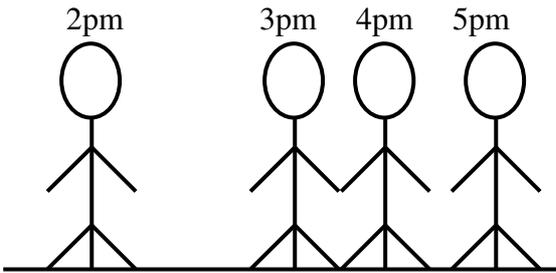
The time given at the head of this paper is the time allowed for writing the answers.

Attempt all questions from Section A and any three questions from Section B.

The intended marks for questions or parts of questions are given in brackets. ()

SECTION – A (30 MARKS)

Attempt all questions from this section.

- Q. 1**
- a. i. Define velocity. ii. What kind of quantity is it? (2)
- b. Fill in the blanks. (2)
- i. Newton's _____ law is also called action and reaction law.
- ii. _____ is an instrument used to measure force.
- c. On what factors does momentum depends. (2)
- d. What is acceleration? State its unit. (2)
- e. What is the relation between acceleration, time, initial and final velocity. (2)
- Q. 2**
- a. Identify the type of motion. (2)
- i.  ii. 
- b. Define with respect to a Pendulum. (2)
- i. Amplitude ii. Time period
- c. What is sublimation? Name one solid that sublimates on heating. (2)
- d. What is gravity? State its numerical value. (2)
- e. _____ is the actual length of path whereas _____ is the shortest length in a given direction between two points. (2)
- Q. 3**
- a. A car travels 400m in 20s. Find its speed. (2)
- b. What is a bimetallic strip? Show its with the help of a diagram. (2)

