

ICSE CLASS IX

Sample Paper 1

PHYSICS

SCIENCE paper I

Time: 2 hours

F.M. 80

Answers to this Paper must be given on the paper provided separately. You will not be allowed to write during the first 15 minutes. This time is to be spent reading the Question Paper. The time given at the head of this paper is the time allowed for writing the answers.

Section I is compulsory. Attempt ANY four questions from Section II.

The intended marks for questions or parts of questions are given in brackets [].

SECTION I (40 Marks)

Attempt all questions from this Section

Question 1

- (a) (i) The figure below shows the parts of measuring scales. Which scale can measure [2]
scale can measure length more accurately A or B:



- (ii) Name a physical quantity related to the unit light year.
- (b)(i) What is the relation between time period (T) and frequency (f) of an oscillation [2]
of a simple Pendulum? ;
- (ii) What will be the effect on the time period of the pendulum if the mass of the bob is increased for the same length?
- (c) Classify the following physical quantities as scalar or vector quantities — [2]
Pressure, Acceleration, Speed and Force.
- (d) The motion of a body is represented by the following displacement — time graph.

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