

PHYSICS
(SCIENCE PAPER 1)

Maximum Marks: 80

Time allowed: Two hours

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

*You will **not** be allowed to write during 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.

Section A is compulsory. Attempt any four questions from Section B.

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

SECTION A (40 Marks)

(Attempt all questions from this Section.)

Question 1

Choose the correct answers to the questions from the given options.

[15]

(Do not copy the questions, write the correct answers only.)

- (i) Clockwise moment produced by a force about a fulcrum is considered to be:
- (a) Positive
 - (b) Negative
 - (c) Zero
 - (d) None of these
- (ii) When the speed of a moving object is *doubled*, then its kinetic energy:
- (a) remains the same
 - (b) decreases
 - (c) is doubled
 - (d) becomes four times

This Paper consists of 11 printed pages and 1 blank page.

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