

Free Sample PDF

This sample uses exact extracted content from the included physics file.

Source files: 2022 PHYSICS MOCK in English P1.doc

This free sample contains exact extracted snippets from the source files listed above. Some formulas or page graphics may appear simplified in text form, but the wording comes from the actual files.

Exact excerpt: single-choice question

1	1. (5 marks)
2	The curling pot is sliding on the ice. If the external force on the curling pot disappears at the same time, it will
3	(A) Move in uniform rectilinear motion.
4	(B) Change the original direction of motion.
5	(C) Accelerate.
6	(D) Stop immediately.

Exact excerpt: concise short answer

1	2. (8 marks)
2	A ball is thrown vertically up, its speed slowing under the influence of gravity.
3	When we observe the motion of the ball from a frame of reference moving up at the initial speed of the ball,
4	Provide an explanation.

Exact excerpt: calculation problem

1	2. (10 marks)
2	As shown in the figure, the object with a mass of $m=2\text{kg}$ was originally stationary on the horizontal ground, and
3	(a) What is the acceleration of the object?
4	(b) What is the displacement of the object within 3s after it starts to move?

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(c) What is the speed of the object at the end of 3s after it starts to move?

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