

Handwritten Answer Checker Result

Question 1

Extracted Answer:

Chapter 1, Section 5: Physics Short Questions and Answers

1. What is the SI unit of force?

Answer: Newton (N). It is the force required to accelerate a 1 kg mass by 1 m/s².

2. What does Newton's First Law of Motion state?

Answer: An object will stay at rest or move with constant speed in a straight line unless acted upon by an unbalanced force.

Feedback:

Status: Correct

Feedback: The provided answers to both physics short questions are accurate and complete. The definition of the Newton and the statement of Newton's First Law are both correct.

Marks Awarded:

1/1

Question 2

Extracted Answer:

1. A line unless acted upon by an external force. 3. What is the formula for work done? Answer: Work = Force x Displacement. 4. What is the SI unit of electric current? Answer: Ampere (A). It tells how much electric charge flows per second. 5. Name the device used to measure electric current. Answer: Ammeter. Always connected in series.

Feedback:

Status: Wrong

Feedback: The extracted answer provides unrelated snippets of information and doesn't answer a coherent question. There is no single question provided to assess the answers against. The fragments address different physics concepts (Newton's First Law, work, electric current). Therefore, the provided "answer" is not correct, as it doesn't answer any specific question.

Marks Awarded:

0/1

Question 3

Extracted Answer:

5 series in a circuit. 6. What happens to resistance if the length of a wire is doubled? Answer: Resistance also doubles. The longer the wire, the harder it is for current to pass through. 7. What type of lens is used to correct myopia (shortsightedness)? Answer: A concave lens. It spreads out the light before it hits the retina.

Feedback:

Status: Wrong

Feedback: The provided "answer" is not an answer to a specific question. It contains two unrelated questions and answers about electricity and optics. Without the original Question 3, it's impossible to assess the correctness of this response. The individual answers themselves are correct (assuming the questions were indeed "What happens to resistance if the length of a wire is doubled?" and "What type of lens is used to correct myopia (shortsightedness)?"), but they are not an answer to a single question.

Marks Awarded:

0/2

Question 4**Extracted Answer:**

8. What is the speed of light in a vacuum? Answer: 3×10^8 m/s (300 million meters per second)
9. What is Ohm's Law? Answer: $V = IR$ (Voltage = Current x Resistance)
10. Which mirror is used in car side mirrors? Answer: Convex mirrors. They give a wider field of view, but images appear smaller.

Feedback:

Status: Wrong

Feedback: The provided "answer" is not an answer to a single question, but rather a list of three separate physics/science questions and their answers. Question 4 is missing, making it impossible to evaluate the correctness of the provided text *as an answer to question 4*. The three answers given are individually correct.

Marks Awarded:

0/5

Total Marks:

1/9