SASKATCHEWAN PHYSICS 30 · UNIT D · 5 QUESTIONS

Fields - Gravitational, Electric and Magnetic — Practice Test

This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, use the Flag a mistake button to let Brett know so he can fix it.

1 **Small silver electric motor with cooling fins and power cable on a wooden workbench, large in frame. A device uses 24 V and 3 A. Its power, in watts, is _____**



ANSWER _____

Understand It with Pulse | Flag a mistake

2 **A rule for the direction of a magnetic field around a current is called**

A right-hand rule

B electric field

C magnetic field

D field line

Understand It with Pulse | Flag a mistake

3 **A voltage of 30 V is applied across a resistance of 5 ohms. The current, in amperes, is ____**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **A current of 2 A flows through a resistance of 20 ohms. The voltage, in volts, is ____**

ANSWER _____

Understand It with Pulse | Flag a mistake

5

A device uses 9 V and 5 A. Its power, in watts, is _____

ANSWER

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 72
2. A
3. 6
4. 40
5. 45

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