MANITOBA CHEMISTRY 30S · UNIT C · 10 QUESTIONS

Chemical Reactions — 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 **A sample of ammonia has amount 5 moles and molar mass 17 grams per mole. Its mass, in grams, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **A sample of carbon dioxide has mass 176 grams. Its molar mass is 44 grams per mole. The amount, in moles, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **A solution has hydrogen ion concentration $10^{-}6$ moles per litre . Its pH is**



ANSWER

Understand It with Pulse | Flag a mistake

4 **A solution has 3 moles of solute in 1 litres. Its concentration, in moles per litre, is**

ANSWER

Understand It with Pulse | Flag a mistake

5 **A sample of carbon dioxide has amount 4 moles and molar mass 44 grams per mole. Its mass, in grams, is**



ANSWER

Understand It with Pulse | Flag a mistake

6 **The unit of energy is the**

A newton

B watt

C volt

D joule

Understand It with Pulse | Flag a mistake

7 **The unit of power is the**

A watt

B joule

C newton

D ampere

Understand It with Pulse | Flag a mistake

8 **The unit of electric current is the**

A volt

B ampere

C ohm

D watt

Understand It with Pulse | Flag a mistake

9 **The unit of voltage is the**

A ampere

B ohm

C volt

D watt

Understand It with Pulse | Flag a mistake

10 **The speed of light in a vacuum is about**

A 150000 kilometres per second

B 300 kilometres per second

C 3000 kilometres per second

D 300000 kilometres per second

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 85
2. 4
3. 6
4. 3
5. 176
6. D
7. A
8. B
9. C
10. D

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