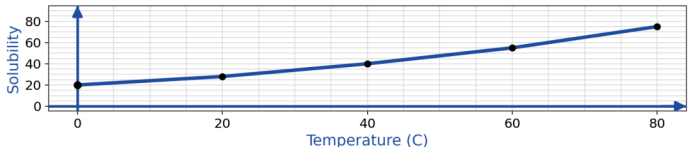
ONTARIO CHEMISTRY, GRADE 11, UNIVERSITY PREPARATION (SCH3U) · UNIT D · 5 QUESTIONS

Solutions and Solubility — 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 **The graph shows solubility of a second salt against temperature. What is the solubility at 40 degrees Celsius?**



ANSWER

Understand It with Pulse | Flag a mistake

2 **An electrolyte is a substance that**

A. forms ions in solution and conducts electricity

B. does not dissolve

C. is always a solid

D. never dissolves in water

Understand It with Pulse | Flag a mistake

3 **Clear glass of water on a plain white surface. Sodium chloride in water is an electrolyte because it**



A melts

B dissociates into sodium ions and chloride ions

C forms molecules only

D evaporates

Understand It with Pulse | Flag a mistake

4 **Sugar dissolved in water is a nonelectrolyte because it**

A does not dissolve

B forms ions only

C dissolves as neutral molecules, not ions

D is a solid

Understand It with Pulse | Flag a mistake

5 **An acid in water produces**

A hydroxide ions

B only salt

C only water

D hydrogen ions

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 40
2. A
3. B
4. C
5. D

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