

Brett Robbins Academic Consulting

Chemistry 20 Practice Test

Unit A: Diversity of Matter and Chemical Bonding

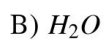
5 Questions

Original practice questions written to the Alberta curriculum, in the style of past diploma examinations. Work through each question, then check your answers with the key at the end.

This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, contact Brett for clarification.

Question 1

Which of the following compounds is an ionic compound?



Question 2

Calcium forms a Ca^{2+} ion and chlorine forms a Cl^- ion.

The formula of calcium chloride is



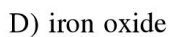
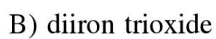
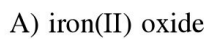
Question 3

The total number of atoms in one formula unit of $Ca(OH)_2$ is ____.

Question 4

In the compound Fe_2O_3 , each iron ion has a charge of 3+.

The correct name of this compound is



Question 5

The number of sulfur atoms in one formula unit of $Al_2(SO_4)_3$ is

A) 1

B) 3

C) 2

D) 4

Answer Key

- | | | |
|------|------|------|
| 1. D | 3. 5 | 5. B |
| 2. A | 4. C | |

This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, contact Brett for clarification.