





## General Chemistry Multiple Choice Questions Chapter 6

1 What is the correct name of the compound  $\text{Zn}(\text{OH})_2$ ?

- a Zinc Hydrogen Oxide
- b Zinc Hydroxide
- c Zinc Bioxide
- d Zinc (II) Hydroxide

	6.3
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2 Which of the following is *incorrectly* named?

- a  $\text{CaCl}_2$  - calcium chloride
- b  $\text{Na}_3\text{PO}_4$  - sodium phosphite
- c  $\text{KClO}_4$  - potassium chlorate
- d  $\text{Mg}(\text{NO}_2)_2$  - magnesium nitrite

	6.3
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3 What is the correct name of the compound  $\text{MgCl}_2$ ?

- a Magnesium Chloride
- b Magnesium (II) Chloride
- c Magnesium Dichloride
- d Magnesium Chlorine

	6.3
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1 What is the correct name for  $\text{XeF}_6$ ?

- a Xenon Hexafluoride
- c Xenon Fluoride

- b Xenon Hexafluorine
- d Monoxenon Hexafluoride

	6.4
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2 What is the correct name for  $\text{N}_2\text{O}_2$ ?

- a Dinitrogen oxide
- c Dinitrogen dioxide

- b Nitrogen dioxide
- d Nitrogen oxide

	6.4
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3 What is the correct name for  $\text{CCl}_4$ ?

- a Monocarbon tetrachloride
- c Carbon chlorine

- b Carbon tetrachloride
- d Carbon tetrachlorine

	6.4
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| <p>1 KO<sub>2</sub> is</p> <p>a Potassium oxide</p> <p>c Potassium superoxide</p>  | <p>b Potassium peroxide</p> <p>d Potassium hydroxide</p>                              |  | 6.5 |
| <p>2 Which name is incorrect?</p> <p>a CO<sub>2</sub> carbon dioxide</p> <p>c NO nitrogen (I) oxide</p>                                      | <p>b NH<sub>4</sub>Cl ammonium chloride</p> <p>d HCl hydrochloric acid</p>            |  | 6.5 |
| <p>3 Which name is correct?</p> <p>a SF<sub>6</sub> sulfur pentafluoride</p> <p>c BaO barium peroxide</p>                                    | <p>b CaCl<sub>2</sub> calcium chloride</p> <p>d NCl<sub>3</sub> nitrogen chloride</p> |  | 6.5 |
| <p>4 Which of the following is <i>incorrectly</i> named?</p> <p>a CO - carbon monoxide</p> <p>c PCl<sub>3</sub> - phosphorus trichloride</p> | <p>b SO<sub>2</sub> - sulfur dioxide</p> <p>d N<sub>2</sub>O - nitrogen oxide</p>     |  | 6.5 |
| <p>5 What is the correct formula for Carbon Tetrchloride?</p> <p>a C<sub>4</sub>Cl<sub>4</sub></p> <p>c CCl</p>                              | <p>b CCl<sub>4</sub></p> <p>d C<sub>4</sub>Cl</p>                                     |  | 6.5 |
| <p>6 What is the correct formula for Dinitrogen pentaoxide?</p> <p>a N<sub>2</sub>O<sub>5</sub></p> <p>c N<sub>2</sub>O<sub>4</sub></p>      | <p>b N<sub>2</sub>O<sub>7</sub></p> <p>d N<sub>2</sub>O<sub>6</sub></p>               |  | 6.5 |

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1 What is the correct name for  $\text{FeCl}_3$ ?

- a Iron (III) Chloride
- c Iron (VI) Chloride

- b Iron Chloride
- d Iron Trichloride

	6.6
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2 What is the correct formula for Tin (IV) Oxide?

- a  $\text{SnO}_4$
- c  $\text{SnO}_2$

- b  $\text{Sn}_4\text{O}$
- d  $\text{Sn}_2\text{O}$

	6.6
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3 What is the correct name for  $\text{CoSO}_4$ ?

- a Cobalt Sulfate
- c Cobalt (IV) Sulfate

- b Cobalt (II) Sulfate
- d Cobalt (III) Sulfate

	6.6
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4 Write the name of the compound  $\text{PbCl}_2$

- a Lead Chloride
- c Lead (II) Chloride

- b Lead (I) Chloride
- d Lead (IV) Chloride

	6.6
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## General Chemistry Multiple Choice Questions Chapter 6

1 Which of the following is *incorrectly* named?

- a  $\text{H}_3\text{PO}_4$  - Phosphoric Acid  
b  $\text{HNO}_3$  - Nitrous Acid  
c  $\text{HCl}$  - Hydrochloric Acid  
d  $\text{H}_2\text{SO}_4$  - Sulfuric Acid

	6.7
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2 What is the correct name for  $\text{H}_3\text{PO}_4$ ?

- a Phosphorous Acid  
b Hydrogen Phosphate  
c Hydrophosphoric Acid  
d Phosphoric Acid

	6.7
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3 What is the correct formula for nitrous acid?

- a  $\text{H}_2\text{NO}_3$   
b  $\text{HNO}$   
c  $\text{HNO}_2$   
d  $\text{HNO}_3$

	6.7
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