

# 8 Most Missed Questions from the Final Exam

**#1**

For the molecule  $\text{CH}_3$ , which atom goes in the center of the molecule and why?

**#5**

The correct name for  $\text{FeO}$  is:

**#2**

The name for  $\text{SrCl}_2$  is:

**#6**

The correct formula for nickel(III) phosphate is what?

**#3**

Which of the following are incorrectly paired?

- A) O, halogen
- B) K, alkali metal
- C) Ne, noble gas
- D) Ba, alkaline earth metal

**#7**

Which of the following atoms cannot break the octet rule in a molecule?

- A) B
- B) P
- C) N
- D) S

**#4**

What is the electron configuration for Mn?

**#8**

Convert:  $6.59 \text{ m/s} = \underline{\hspace{1cm}} \text{ mi/hr}$   
( $1 \text{ mi} = 5280 \text{ ft}$ ,  $1 \text{ ft} = 12 \text{ in}$ ,  $39.37 \text{ in} = 1 \text{ m}$ ,  $60 \text{ min} = 1 \text{ hr}$ )