

1. Which metal is located in period 3?
 - a) Li
 - b) Na
 - c) Be
 - d) Cr
 - e) Mg
2. The product of incomplete combustion of methane is:
 - a) CO₂
 - b) CO
 - c) NO
 - d) FeO
 - e) MgO
3. Which of the following compounds is yellow
 - a) FeCl₂
 - b) Mn(OH)₂
 - c) MgO
 - d) PbI₂
 - e) all of the above
4. The general formula for noncyclic alkanes is:
 - a) C_nH_{2n+2}
 - b) C_nH_{2n}
 - c) C_nH_{2n-2}
 - d) C_nH_{n+2}
 - e) C_nH_n
5. Which substance is an acid??
 - a) CH₃COOH
 - b) CH₃COONa
 - c) CH₃OH
 - d) CH₃CHO
 - e) CH₄
6. A molecule with the formula C₆H₁₄ is a(n):
 - a) hexane
 - b) propane
 - c) decane
 - d) butane
 - e) ethane
7. The number of protons in nitrogen atom is?
 - a) 6
 - b) 7
 - c) 8
 - d) 9
 - e) 10
8. Which of the following is a noble gas?
 - a) O₂
 - b) H₂
 - c) Cl₂
 - d) Ne
 - e) N
9. Which of the following is the lightest element?
 - a) He
 - b) N
 - c) Ti

d) O

e) S

10. Of the following name/symbol combinations of elements, which one is wrong?

a) uranium/U

b) sulfur/S

c) nitrogen/N

d) potassium/P

e) iron/Fe