

C. C. C. Heep Woh College
Form 4 Chemistry Quiz 4
Unit 8 Occurrence and Extraction of Metals

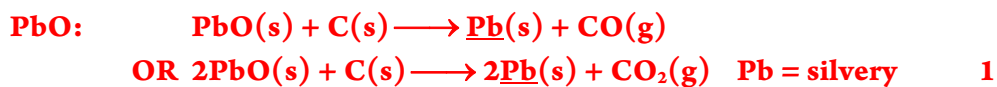
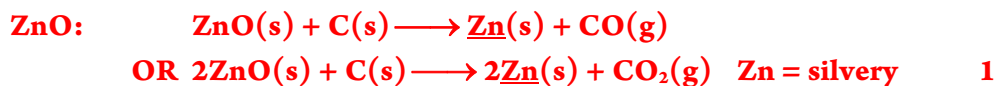
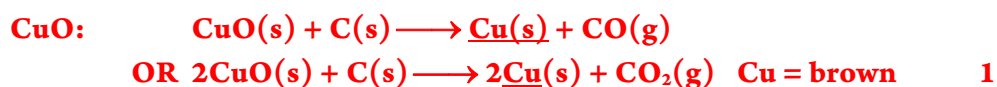
Suggested Answer

1. (i) **C.** **1**
Valuable / not easy to be corroded. **1**
- (ii) **D.** **1**
Not easy to be corroded / High thermal conductivity. **1**
- (iii) **D.** **1**
Not easy to be corroded / High electrical conductivity. **1**
- (iv) **D.** **1**
Not easy to be corroded / Not expensive. **1**
- (a) **Cost of extraction is high.** **1**
Demand is high. **1**

2. (a) **Reducing agent** **1**
 (b) (i)

Compound	Before heating	During heating	After heating
MgO	White (1/2)		
CuO	Black (1/2)	Black (1/2)	Brown (1/2)
ZnO	White (1/2)	Yellow (1/2)	Silvery (1/2)
PbO	Yellow (1/2)	Orange (1/2)	Silvery (1/2)

- (ii) **MgO: no change / no reaction** **1**



The End