

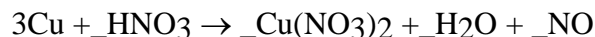
**CHINMAYA INTERNATIONAL RESIDENTIAL SCHOOL  
COIMBATORE**

**SAMPLE PAPER – 2010**

**CLASS : 11 CBSE**

**SUBJECT: CHEMISTRY**

1. Copper can react with nitric acid as follows.



What is the coefficient for HNO<sub>3</sub> when the equation is balanced?

- A. 4      B. 6      C. 8      D. 10

<b>ANSWER</b>	
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2. What change(s) occur(s) when a liquid boils?

- I. The average energy of the particles increases.
- II. The attractive forces between the particles become stronger.
- III. The spacing between the particles increases.

- A. I only  
B. III only  
C. II and III only  
D. I and III only

<b>ANSWER</b>	
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3. Which substance(s) could be formed during the incomplete combustion of a hydrocarbon?

- I. Carbon
- II. Hydrogen
- III. Carbon monoxide

- A. I only  
B. I and II only  
C. I and III only  
D. II and III only

<b>ANSWER</b>	
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4. Which type of colloid is milk?

- A. Emulsion      B. Aerosol      C. Sol      D. Solid sol.

<b>ANSWER</b>	
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5. Which substance can be dissolved in water to give a 0.1 mol dm<sup>-3</sup> solution with a high pH and a high electrical conductivity?

- A. HCl      B. NaCl      C. NH<sub>3</sub>      D. NaOH

<b>ANSWER</b>	
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