

Name .....

Class.....

Roll No.....

Time  
25 Min.Max.  
Marks  
17Marks  
Obtained**TOPIC-1****Chemical Reactions and Equations**

**U**Q. 1. What happens when quick lime is added to water ? [Board Term-I, Set (A1) 2011, 2010] (1)

Ans. ....  
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**U**Q. 2. What happens when  $ZnCO_3$  is heated in the absence of air ? Give the relevant equation.

[Board Term-I, Set (14), 2011] (1)

Ans. ....  
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**U**Q. 3. When iron rod is kept dipped in copper sulphate solution for some time, a brown coating is formed on the iron rod. What change will be observed in the colour of the solution ? Also write chemical equation for the reaction involved.

[Board Term-I, Set-2ZGOVVV, 2015] (2)

Ans. ....  
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**A**Q. 4. When hydrogen gas is passed over heated copper (II) oxide, copper and steam are formed. Write the balanced chemical equation with physical states for this reaction. State what kind of chemical reaction is this ?

[Board Term-I, Set - A85V2K, 2015] (2)

Ans. ....  
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**A**Q. 5. When a copper wire was left in silver nitrate solution for sometime, it was observed that the solution turned bluish green.

(a) Explain the observation.

(b) Write the balanced chemical equation to represent the change taking place.

[Board Term-I, Set 1ZHNPNO, 2016] (3)

Ans. ....  
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**U Q. 6.** 2 g ferrous sulphate crystals are heated in a dry boiling tube.

- (i) List any two observations.
- (ii) Name the type of chemical reaction taking place.
- (iii) Write the chemical equation of the reaction.

[Board Term-I, Set NS9SX1D, 2016] (3)

**Ans.** .....

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**A Q. 7.** Identify the type of chemical reaction in the following statements and define each of them :

- (i) Digestion of food in our body
- (ii) Rusting of iron
- (iii) Heating of manganese dioxide with aluminium powder
- (iv) Blue colour of copper sulphate solution disappears when iron filings are added to it
- (v) Dilute hydrochloric acid is added to sodium hydroxide solution to form sodium chloride and water.

[Board Term-I, Set OQKPLGV, 2016] (5)

**Ans.** .....

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