



Al Sharq Bright International School

Model Paper for Mid Term Exam 2017-2018

Name: _____ Subject: Chemistry Class: 9 ___ Date : _____

Paper – 1

A. Multiple choice questions:

1. The substance added to remove sand impurities from haematite is
a) lime stone b) lime c) ammonia d) cryolite
2. Alkali metals are present in
a) group 4 b) group 2 c) group 6 d) group 1
3. The molecular formula of propane is
a) C_2H_6 b) C_3H_7 c) C_3H_8 d) CH_4
4. What is added in the extraction of aluminium to reduce melting point
a) alumina b) cryolite c) siderite d) magnetite
5. The ration of nitrogen to hydrogen in manufacture of ammonia by Haber process is
a) 1 : 3 b) 1 : 2 c) 2 : 3 d) 3 : 1

Paper – 3

B. Answer the following:

1. Write the chemical reaction involved in extraction of iron ore Haematite by Blast furnace
2. Write the balanced chemical equation for the reaction between
 - a) zinc sulphide and oxygen.
 - b) calcium and oxygen
 - c) zinc oxide and carbon
 - d) Magnesium and water
 - e) Nitrogen and hydrogen

3. Aluminium is a reactive metal. Why then it is used for window frame and aircraft?
4. Write three properties of transition elements.

Paper – 6

C. Alternative to Practical:

1. Complete the following table.

Metal ion	Colour
Cu^{2+}	
Fe^{3+}	
Co^{2+}	

Note: This is just a model, not the exam paper.