



# Al Sharq Bright International School

## Model Paper for Mid Term Exam 2017-2018

Name: \_\_\_\_\_ Subject: Chemistry Class:10\_\_ Date : \_\_\_\_\_

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### Paper – 1

#### A. Multiple choice questions:

1. A hydrocarbon reacts as described-

- a) It decolourises aqueous bromine
- b) It forms an additional polymer

Which of these reactions are properties of an alkene?

- a) a only    b) b only    c) both a and b    d) neither a nor b

2. Which of the following statement is true?

- a) In displacement reaction more, reactive metal displaces less reactive metal from its position.
- b) Displacement reaction takes place in presence of sunlight only.
- c) Photochemical reaction takes place in presence of heat.
- d) Reduction is the addition of oxygen.

3. Which of the following is an amphoteric oxide?

- a) Sodium oxide
- b) Copper oxide
- c) Aluminium oxide
- d) Nitrogen dioxide.

4. Methanol and ethanol belong to the same homologous series. What does it mean?

- a) Their molecules contain only atoms of carbon and hydrogen.
- b) Their molecules have same number of carbon atoms.
- c) They have the same functional group.
- d) They melt at the same temperature.

5. Teflon is used for

- a) Plastic bags    b) Non stick frypans.    c) cloth    d) pipes and guttering.

**Paper – 3**

**B. Answer the following:**

1. Write an ionic equation including state symbol, for each of the following.
  - a) Silver nitrate solution + sodium chloride solution  $\longrightarrow$  silver chloride + silver nitrate solution.
  - b) Sodium sulphate solution + barium nitrate solution  $\longrightarrow$  sodium sulphate solution + barium nitrate solution.
2. Write all possible isomers of pentane and butene with their name
3. Write the word equation for the reaction of hydrochloric acid with each of the following.
  - a) potassium hydroxide
  - b) copper oxide
  - c) zinc
  - d) sodium carbonate

**Paper – 6**

**C. Alternative to practical:**

1. Complete the following table.

Polymer	Monomer used	Uses
polyethene		
	chloroethene	
teflon		non stick frypans

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