## SELF ASSESSMENT TEST-2 CLASS 12 CHEMISTRY

## Time – 45 min

## F.M.- 20 marks

## **Q2.** MULTIPLE CHOICE QUESTIONS: [5]

i) Which of the following is likely to decompose on standing in presence of sunlight?

**a.** Ethyl chloride **b.** Ethyl lodide **c.** Ethyl Bromide **d.** Ethyl Fluoride ii) Which of the following compounds forms an addition compound with CH<sub>3</sub>MgBr which on hydrolysis produces a secondary alcohol?

**a.** HCHO **b.** CH<sub>3</sub>CHO **c.** CH<sub>3</sub>COCH<sub>3</sub> **d.** CH<sub>3</sub>COOCH<sub>3</sub> iii) Methyl Bromide is converted to ethane by heating it in ether medium with

a. Al b. Zn c. Na d. Cu

iv) The reaction between 2-Bromobutane and alcoholic KOH gives But-	
2ene as major product and But-1ene as minor product according to:	
a. Markownikoff's rule	<b>b.</b> Saytzeff"s rule
<b>c.</b> Hoffmann's rule	d. Kharasch effect
v) Chloropicrin is obtained by the reaction of	
a. Nitric acid on chloroform	<b>b.</b> steam on CCl <sub>4</sub>
c. Nitric acid on chlorobenzene	e <b>d.</b> chlorine on Picric acid
Q3. What is DDT? Write balanced equation for the preparation of DDT from	
chlorobenzene.	[2]
Q4. Carry out the following conversions:	[2x3=6]
a. Benzene to Cyanobenze	ene
b. Chlorobenzene to Phenol	
c. Aniline to Chlorobenzene	e
<b>Q5.</b> Why chlorobenzene is ortho-para orienting [2]	

towards electrophilic substitution reaction?