		2015 (A) Roll No: INTERMEDIATE PART-II (12 th CLASS)	
		IISTRY PAPER-II (OLD SCHEME) TIME ALLOWI	
	ROU		AKKS: 08
111	JIE:	- Write same question number and its part number on answer book, as given in the question paper.	
		SECTION-I	
2.		Attempt any eight parts.	$8 \times 2 = 16$
	(i)	Why the oxidation state of noble gases is usually zero?	
	(ii)	Why diamond is a non conductor and graphite is fairly a good conductor?	
	(iii)	Why the aqueous solution of Na_2CO_3 is Alkaline in nature?	
	(iv)	How lime mortar is prepared?	
	(v)	Why Alkali and Alkaline earth metals are among the reactive elements of the period	dic table?
	(vi)	Write two reactions in which H_2SO_4 acts as an oxidizing agent.	
	(vii)	Write two reactions in which H_2SO_4 acts as a dehydrating agent.	
	(viii)		
	(ix)	Which types of woody Raw Material are used during manufacturing of paper?	
	(x)	What do you mean by Reducing Smog?	
	(xi) (xii)	How will you identify the double bond by Bayer's test? What is Mustard Gas? Where was it used?	
3.	(A11)	Attempt any eight parts.	$8 \times 2 = 16$
•	(i)	Write the Chemistry of the Borax-bead Test.	0 // 2 10
	(ii)	How Br_2O is prepared? Also write its properties.	
	(iii)	What are substitutional alloys in Transition metals? Give examples.	
	(iv)	What is Natural Gas? Where is it used?	
	(v)	Write two objections to Kekule's formula of Benzene.	
	(vi)	What products are formed when "HCN" reacts with Acetaldehyde and Acetone?	
	(vii)	<u> </u>	
	(viii (ix)	Differentiate between Methanol and Ethanol by one test. Write the uses of Methanol.	
	(x)	Draw the structural formulae of Malonic acid and Phthalic acid.	
	(xi)	How Hydrocarbons are produced by natural sources?	
	(xii)		
4.		Attempt any six parts.	$6\times 2=12$
	(i)	What is "Iodized Salt"?	
	(ii) (iii)	Write the disproportionation reaction of Chlorine. What are Chelates? Give one example.	
	(iv)	Define Nucleophile and Electrophile. Give one example in each case.	
	(v)	How Grignard Reagent reacts with ethylene epoxide to form Alcohol?	
	(vi)	What factors govern the reactivity of $R - X$ bond?	
	(vii)	, i	
	(viii		
	(ix)	What is the difference between DNA and RNA?	
N	TF.	- Attempt any three questions.	
5.(Explain the position of hydrogen in I A group.	4
((b) I	Describe the role of Gypsum in industries.	4
6 (a) V	What is sp^3 hybridization? Explain the structure of CH_4 on this basis.	4
((b) I	Describe the mechanism of Nucleophilic addition to a Carbonyl compound.	4
7 ((a) I	Dring about the fellowing conversions:	
/.(Bring about the following conversions:- i) Methane to Ethane (ii) Ethane to Methane	4
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(. ,	Give reactions of Alkyl Halide with (i) Sodium metal (ii) Alcoholic <i>KOI</i>	
	(:	iii) Sodium-lead alloy (iv) $C\overline{N}$	4
۶ (a) Ex	xplain the Atomic Orbital Treatment to describe the structure of Benzene.	4
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((b) V	What is a Peptide Bond? Write down the formula of a dipeptide.	4
91	(a) V	Write note on Smog.	4
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((b) V	What is Steel? Give the classification of Steel briefly.	4
		24(OLD SCHEME)-2015(A)-	(MULTAN)