	2017 (S) Roll No:	
	INTERMEDIATE PART-II (12th CLASS)	
CHEMI	STRY PAPER-II (NEW SCHEME) (SESSION 2015-2017)	
TIME A	LLOWED: 2.40 Hours SUBJECTIVE MAXIMUM	MARKS: 68
	Write same question number and its part number on answer book,	
	is given in the question paper.	
	SECTION-I	$8 \times 2 = 16$
2.	Attempt any eight parts. Diamond is electrically insulator but graphite is fairly good conductor. Justify it.	0 × 2 - 10
(i) (ii)	Justify that Ionization Energy value decreases down the group.	
(iii)	Write advantages of DownsCell for preparation of Sodium (Na).	
(iv)	Justify that CO ₂ in excess when passed through Lime Water solution becomes clear	
7.77	Write reaction involved.	
(v)	Write down formula of (i) Cryolite (ii) Colemanite	
(vi)	How will you explain structure of Carbon Monoxide (CO)?	
(vii)	Write effect of temperature on N_2O_4 . Give colour change and reaction.	
(viii)	Justify that Aqua Regia can dissolve nearly all types of substances.	
(ix)	What is the difference between Typical and Non-typical Transition elements?	
(x)	How Steel is classified on the base of Carbon contents?	
(xi)	Write only name of various sources which contaminate surface and ground water.	
(xii)	Write importance of gases present in the atmosphere.	$8 \times 2 = 16$
3. (i)	Attempt any eight parts. Why HF is weaker acid than $HC\ell$?	
(ii)	What is Iodized Salt?	
(iii)	Why there is no free rotation around a double bond and a free rotation around a sin	gle bond?
(iv)	Define Functional Group Isomerism. Give one example.	
(v)	Alkanes are less reactive than Alkenes. Why?	
(vi)	Ethene can be converted into Ethyl Alcohol. Write equation.	
(vii)	Draw structural formulas for:- (i) p - Nitroaniline (ii) m - Nitrophenol What happens when Chlorine is passed through Benzene in Sunlight?	
(viii) (ix)	Define Nucleophilic substitution reactions. Giver their general mechanism.	
(x)	Define Alkyl Halides. Which is the best method of preparing Alkyl Halides?	
(xi)	Write the structural formulas of:- (i) Ethyl Alcohol (ii) Benzyl Alcohol	
(xii)	Define Phenol. Give its two uses.	
4.	Attempt any six parts.	$6 \times 2 = 12$
(i)	How will you distinguish chemically between Ethanol and Propanal?	
(ii) (iii)	How will you convert Ethanal into Lactic Acid? How Amino Acids show basic character?	
(iv)	What happens when Ammonium Acetate is heated?	
(v)	What is Nylon – 6,6?	
(vi)	What is the difference between Fats and Oils?	
(vii)	What is Saponification Number? Give an example.	
(viii		
(ix)	State the raw materials used for manufacture of Cement.	
	SECTION-II	
	- Attempt any three questions.	4
5.(a) I	Discuss essential features of Periods in Modern Periodic Table.	4
(b) V	Vrite four more important differences of Lithium from other Alkali metals.	23.2
6/2	What do you mean by Corrosion? Explain electrochemical theory in detail.	4
6.(a) Y (b) I	Discuss in detail the components of the Environment.	4
(0)	Stodas in detail the competitions of the	
7.(a)	What is Cracking? Explain types of Cracking.	4
(b) !	How will you carryout the following conversions:-	4
(i) $CH_4 \rightarrow CH_3CH_2COOH$ (ii) $CH_3 - CH_2 - CH_2 - C\ell \rightarrow CH_3 - CH =$	CH_{i}
8.(a) 1	low will you prepare the following compounds starting from Ethyne?	4
	i) Acetaldehyde (ii) Acrylonitrile (iii) Oxalic Acid (iv) Ethane	4
(b)	What is Aldol Condensation? Explain it with mechanism.	V-1
0.6.3	Discuss the structure of Benzene on the basis of Atomic Orbital Treatment.	4
9.(a) (b)	Give chemical reactions to prepare Ethanol from Starch and Molasses by	
(0)		4
- 0	a Fermentation Process. 23-2017(S)- 600 (MU	LTAN)

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TIME ALLOWED: 20 Minutes

2017 (S)

Roll No.

OBJECTIVE MAXIMUM MARKS: 17

Number:

INTERMEDIATE PART-II (12th CLASS)

CHEMISTRY PAPER-II (NEW SCHEME) (SESSION 2015-2017)

think Cutti as giv	is correct, fill that ci ng or filling two or n on in objective type BLES are not filled.	ircle in front of that tore circles will resu question paper and	question number. Use It in zero mark in that	B, C and D. The choice which you e marker or pen to fill the circles. t question. Attempt as many questions o credit will be awarded in case JECTIVE PAPER.
(I)	Keeping in view the	e size of atoms,	_ order is correct one.	
	(A) $Mg > Sr$	(B) $Lu > Ce$	(C) $Ba > Mg$	(D) $C\ell > I$
(2)	Chile saltpetre has the	he chemical formula:		
	(A) KNO ₁	(B) $Na_{2}B_{4}O_{7}$	(C) NaNO ₃	(D) Na_2CO_3 , H_2O
(3)	Tincal is a mineral o	of:-		
	(A) A ℓ	(B) Si	(C) C	(D) B
(4)	Laughing gas is che	mically:-		
	(A) N ₂ O	(B) NO	(C) NO ₂	(D) N_2O_4
(5)	is the stronge	st acid.		
	(A) HClO	(B) <i>HCℓO</i> ₂	(C) HCℓO ₃	(D) HClO ₄
(6)	Group VI B of trans	ition elements contai	ns:-	
	(A) Cr , Mo , W	(B) Zn, Cd, Hg	(C) Fe, Ru, Os	(D) Mn, Te, Re
(7)	set of hybrid o	rbitals has planar tria	ngular shape,	
	(A) sp ⁵	(B) sp ²	(C) sp	(D) <i>dsp</i> ²
(8)	Vinyl acetylene con	abines with HCℓ to f	orm:-	
	(A) Polyacetylene	(B) Benzene	(C) Chloroprene	(D) Divinylacetylene
(9)	During nitration of	Benzene, the active	nitrating agent is:-	
	(A) NO,	(B) NO ₂ +	(C) NO ₂	(D) HNO,
(10)	is not a Nucl	cophile.		
(11)	(A) H_2O Rectified spirit con	(B) H_2S tains Alcohol about:-	(C) NH ₃	(D) BF ₃
	(A) 80 %	(B) 85 %	(C) 90 %	(D) 95 %
(12)	Acetone reacts with	HCN to form a cyr	ohydrin. It is an exam	ole of:- (A) Nucleophilic addition
	(B) Electrophilic as	ddition (C) Nucl	eophilic substitution	(D) Electrophilic substitution
(13)	Acetic acid is man	ifactured by:-		
	(A) Fermentation	(B) Distillation	(C) Ozonolysis	(D) Esterification
(14)	Acetamide is prepa	red by:-	(A) Heating Ethyl	Acetate
(15)	NACONAL CONTRACTOR CON	onium Acetate (C) an addition polymer.	Heating Methyl Cyanid	e (D) Heating Acetic Acid
	(A) Polystyrene	(B) Nylon - 6, 6	(C) Terylene	(D) Epoxy resin
(16)	Micro-nutrients are	required in quantity	ranging from:-	
	(A) 4 - 40 g	(B) $6 - 200 \text{ g}$	(C) 6-200 kg	(D) 4 – 40 kg
(17)	Ecosystem is a sma	ller unit of:-		
	(A) Atmosphere	(B) Lithosphere	(C) Biosphere	(D) Hydrosphere

			-
Pa	per	Code	1

4483

2017 (S)

Roll No.

Number:

INTERMEDIATE PART-II (12th CLASS)

CHEMISTRY PAPER-II (NEW SCHEME) (SESSION 2015-2017)

TIMI	E ALLOWED: 20	Minutes	OBJECTIVE	MAXIMUM MARKS: 17
think Cutting as giv	is correct, fill that c ng or filling two or n on in objective type BLES are not filled.	ircle in front of that nore circles will resu question paper and	question number. Use ilt in zero mark in that	B, C and D. The choice which you e marker or pen to fill the circles. t question. Attempt as many questions o credit will be awarded in case JECTIVE PAPER.
(1)		ın addition polymer.		
	(A) Polystyrene	(B) Nylon - 6, 6	(C) Terylene	(D) Epoxy resin
(2)	Micro-nutrients are	required in quantity	ranging from:-	
	(A) 4 - 40 g	(B) $6 - 200 g$	(C) 6 - 200 kg	(D) $4 - 40 \text{ kg}$
(3)	Ecosystem is a small	ller unit of:-		
	(A) Atmosphere	(B) Lithosphere	(C) Biosphere	(D) Hydrosphere
(4)	Keeping in view th	e size of atoms,	_ order is correct one.	
	(A) $Mg > Sr$	(B) $Lu > Ce$	(C) $Ba > Mg$	(D) $C\ell > I$
(5)	Chile saltpetre has t	he chemical formula:		
	(A) KNO ₃	(B) $Na_2B_4O_7$	(C) NaNO ₃	(D) Na ₂ CO ₂ , H ₂ O
(6)	Tincal is a mineral of	of:-		
	(A) A ℓ	(B) Si	(C) C	(D) B
(7)	Laughing gas is che	mically:-	2.70 -2	THE STATE OF THE S
	(A) N ₂ O	(B) NO	(C) NO,	(D) N ₂ O ₄
(8)	is the stronge	est acid.		5 0 W 8
	(Λ) ΗCℓΟ	(B) HCℓO₂	(C) HCtO ₁	(D) HCℓO ₄
(9)	Group VI B of trans	sition elements contain		,
3.0.4	(A) Cr, Mo, W		(C) Fe, Ru, Os	(D) Mn, Te, Re
(10)	AND WILL STREET STREET STREET	orbitals has planar tria		V-X
4	(A) sp ³	(B) sp ²	(C) sp	(D) dsp ²
(11)		707 020	15 (50) #((12) asp
(11)	(A) Polyacetylene	nbines with $HC\ell$ to f (B) Benzene		TO DO I
(12)	Haracan Inc. of Carlos		(C) Chloroprene	(D) Divinylacetylene
(12)		Benzene, the active n		AND FILE
30/E 0	(A) NO ₃	(B) NO ₂ ⁺	(C) NO ₂	(D) <i>HNO</i> ₃
(13)	is not a Nucl	CONTRACTOR CONTRACTOR CONTRACTOR		
(14)	(A) H ₂ O Rectified spirit con	(B) H ₂ S tains Alcohol about:-	(C) NH ₃	(D) BF ₃
	(A) 80 %	(B) 85 %	(C) 90 %	(D) 95 %
(15)	Acetone reacts with	HCN to form a cyn	ohydrin. It is an examp	ole of:- (A) Nucleophilic addition
	(B) Electrophilic ac	ddition (C) Nucl	eophilic substitution	(D) Electrophilic substitution
(16)	Acetic acid is manu	afactured by:-		
	(A) Fermentation	(B) Distillation	(C) Ozonolysis	(D) Esterification
(17)	Acetamide is prepa	red by:-	(A) Heating Ethyl	Acetate
	(B) Heating Amme	onium Acetate (C) l	Heating Methyl Cyanide	e (D) Heating Acetic Acid

5.00	er Code		2017 (S)	Roll No
Nun	nber: 4483	INTERMEDIA	ATE PART-II (12th	h CLASS)
CHE	EMISTRY PAP	ER-II (NEW S	CHEME) (SESS	ION 2015-2017)
Note think Cutti as giv BUB Q.No	is correct, fill that c ng or filling two or r ven in objective type BLES are not filled. .1	oices for each object ircle in front of that nore circles will resu question paper and Do not solve questi	question number. Use the control of	MAXIMUM MARKS: 1, B, C and D. The choice which you so marker or pen to fill the circles. at question. Attempt as many question or credit will be awarded in case BJECTIVE PAPER.
(1)		nbines with HCl to f		
703	(A) Polyacetylene	(B) Benzene	(C) Chloroprene	(D) Divinylacetylene
(2)	Nath Control	f Benzene, the active		
	(A) NO ₃	(B) NO ₂ ⁺	(C) NO ₂	(D) <i>HNO</i> ₃
(3)	is not a Nuc	leophile.		
(4)	(A) H₂ORectified spirit con	(B) H_2S tains Alcohol about:-	(C) NH;	(D) BF ₃
	(A) 80 %	(B) 85 %	(C) 90 %	(D) 95 %
(5)	Acetone reacts with	a HCN to form a cyn	ohydrin. It is an exam	ple of:- (A) Nucleophilic addition
	(B) Electrophilic a	ddition (C) Nucl	eophilic substitution	(D) Electrophilic substitution
(6)	Acctic acid is man	ufactured by:-		
	(A) Fermentation	(B) Distillation	(C) Ozonolysis	(D) Esterification
(7)	Acetamide is prepa	red by:-	(A) Heating Ethyl	Acetate
	(B) Heating Ammo	onium Acetate (C)	Heating Methyl Cyanic	de (D) Heating Acetic Acid
(8)	polymers is a	un addition polymer.		
	(A) Polystyrene	(B) Nylon – 6, 6	(C) Terylene	(D) Epoxy resin
(9)		required in quantity r	anging from:-	
	(A) 4 - 40 g	(B) $6 - 200 \text{ g}$	(C) $6 - 200 \text{ kg}$	(D) $4 - 40 \text{ kg}$
(10)	Ecosystem is a sma	ller unit of:-		
nos ismi	(A) Atmosphere	(B) Lithosphere	(C) Biosphere	(D) Hydrosphere
(11)	Keeping in view th		order is correct one	
	(A) $Mg > Sr$	(B) $Lu > Ce$	(C) $Ba > Mg$	(D) $C\ell > I$
(12)	Chile saltpetre has t	he chemical formula:		
	(A) <i>KNO</i> ₃	(B) $Na_2B_4O_7$	(C) NaNO ₃	(D) Na_2CO_3 , H_2O
(13)	Tincal is a mineral	of:-		
	(A) A £	(B) Si	(C) C	(D) B
(14)	Laughing gas is che	emically:-		
	(A) N_2O	(B) NO	(C) NO ₂	(D) N_2O_4
(15)	is the stronge	est acid.		
	(A) HCℓO	(B) $HC\ell O_2$	(C) <i>HCℓO</i> ₃	(D) <i>HC</i> ℓ <i>O</i> ₄
(16)	Group VI B of trans	sition elements contai	ns:-	
	(A) Cr, Mo, W	(B) Zn, Cd, Hg	(C) Fe, Ru, Os	(D) Mn, Te, Re

(C) sp

(17) ____ set of hybrid orbitals has planar triangular shape.

(B) sp^2

(A) sp³

(D) dsp^2

() - () - () - ()	er Code	2	017 (S)	Roll No
Num	ber: 440/	INTERMEDIA	TE PART-II	(12th CLASS)
CHE	MISTRY PAPI	ER-II (NEW SC	HEME) (S	ESSION 2015-2017)
TIMI	E ALLOWED: 20	Minutes	OBJECTI	VE MAXIMUM MARKS: 1
think Cuttir as giv	is correct, fill that ci ag or filling two or m en in objective type of BLES are not filled.	rcle in front of that o ore circles will resul question paper and lo	uestion numbe t in zero mark ave others blac	as A, B, C and D. The choice which you or. Use marker or pen to fill the circles. In that question. Attempt as many question ik. No credit will be awarded in case of OBJECTIVE PAPER.
(1)	is the stronge	st acid.		
	(A) HClO	(B) HCℓO ₂	(C) <i>HCℓO</i> ₃	(D) <i>HClO</i> ₄
(2)	Group VI B of trans	ition elements contain	S:-	
	(A) Cr , Mo , W	(B) Zn, Cd, Hg	(C) Fe, Ru,	Os (D) Mn, Te, Re
(3)	set of hybrid o	rbitals has planar trian	gular shape.	
	(A) <i>sp</i> ³	(B) sp2	(C) sp	(D) dsp ²
(4)	Vinyl acetylene com	bines with $HC\ell$ to fo	rm:-	
	(A) Polyacetylene	(B) Benzene	(C) Chloropr	ene (D) Divinylacetylene
(5)	During nitration of	Benzene, the active n	itrating agent is:	
	(A) NO ₁	(B) NO ₂ *	(C) NO ₂	(D) HNO ₃
(6)	is not a Nucl	eophile.	6.301.795.00 S-77.604.36 V	Carolina (March March
20-79)	(A) H ₂ O	(B) H ₂ S	(C) NH ₃	(D) BF ₃
(7)	Rectified spirit conta	ains Alcohol about:-		
	(A) 80 %	(B) 85 %	(C) 90 %	(D) 95 %
(8)	Acetone reacts with	HCN to form a cyno	hydrin. It is an	example of:- (A) Nucleophilic addition
	(B) Electrophilie ac	ldition (C) Nucle	ophilic substitut	ion (D) Electrophilic substitution
(9)	Acetic acid is manu	factured by:-		
	(A) Fermentation	28 - 36 - CHALLES - DE LA COLA	(C) Ozonoly	sis (D) Esterification
(10)	Acetamide is prepar	W San and a second		Ethyl Acetate
14.40			eating Methyl (yanide (D) Heating Acetic Acid
(11)	Wassers 16	n addition polymer.	Sava 3	
(15)	(A) Polystyrene	200000-00-00-00-00-00-00-00-00-00-00-00-	(C) Terylene	(D) Epoxy resin
(12)		required in quantity ra		(TS) 4 - 40 I
(13)	ALSO 0 000-00	CB-C-CCCCC TECCHOLOGIC	(C) 6 – 200 l	(D) $4 - 40 \text{ kg}$
(1-)	Ecosystem is a smal (A) Atmosphere	(B) Lithosphere	(C) Biospher	e (D) Hydrosphere
(14)		size of atoms,	out and an experience	
NE CV		(B) Lu > Ce		
(15)		ne chemical formula:-		(11) 200
	(A) KNO,	(B) $Na_2B_4O_7$		(D) $Na_{1}CO_{3}.H_{7}O$
(16)	Tincal is a mineral of	49-33-23	(o) manu	free mar reduction
(10)	(A) $\mathbf{A}\ell$	(B) Si	(C) C	(D) B
		1.53.4		

(C) NO_2 (D) N_2O_4

(A) N_2O

(B) NO

2017 (S) Roll No: ______ INTERMEDIATE PART-II (12th CLASS)

CHEMISTRY PAPER-II (OLD SCHEME) (SESSION 2012-2014)

TIME ALLOWED: 3.10 Hours

SUBJECTIVE

MAXIMUM MARKS: 83

NOTE: - Write same question number and its part number on answer book, as given in the question paper.

SECTION-I

Attempt any Eight parts.

 $8 \times 2 = 16$

- (i) Why Fluoride Ion has bigger radius than the Fluorine Atom?
- (ii) Why atomic radii decrease from left to right across a period?
- (iii) What is a Dehydrating Agent? Give examples to show that Lime is a dehydrating agent.
- (iv) What problems are faced by deficiency of Calcium in the plants?
- (v) Write four uses of Sodium Silicate.
- (vi) How will you convert Boric Acid into Borax and Vice Versa?
- (vii) What is the action of cold and hot water on Phosphorous Pentoxide?
- (viii) Why SO, is not dissolved in water in contact process?
- (ix) Why Oxyacids of Chlorine are stronger than Oxyacids of Bromine?
- (x) Why HF is weaker acid than $HC\ell$?
- (xi) What is Corrosion? How does the water affect this process?
- (xii) How Iron is Galvanized in Daily life?

Attempt any Eight parts.

 $8 \times 2 = 16$

- Write a short note on Cracking of Hydrocarbons.
- (ii) What are Homocyclic and Hetrocyclic Compounds? Give one example of each.
- (iii) Write a short note on reactivity of Alkanes.
- (iv) What is meant by Octane Number?
- (v) Write a note on Friedel Crafts Alkylation reaction.
- (vi) How will you prepare the following compounds from benzene in two steps?
 (a) m chloronitrobenzene
 (b) p chloronitrobenzene
- (vii) Which is the best method of preparing Alkyl Halides? Give equation.
- (viii) How Ethyl Magnesium Bromide is prepared in laboratory?
- (ix) Why Ethyl Alcohol is liquid and Methyl Chloride a gas? Explain.
- (x) How will you convert Methanol into Ethanol?
- (xi) How is oil spillage affecting marine life?
- (xii) What is Leachates?

Attempt any Six parts.

 $6 \times 2 = 12$

- (i) How Methanal can be prepared? Give reactions of:- (a) Laboratory method (b) Industrial method
- (ii) How Ethanol can be prepared by Laboratory Method? Why it is necessary to distilled off product immediately?
- (iii) How carboxylic acid can be prepared from Alkanenitril?
- (iv) Write two reactions of Carboxylic Acid in which Oxygen and Hydrogen bond is broken.
- (v) How the Polymers are classified on the basis of process of Polymerization? Give an example of each.
- (vi) What is Sponification Number? Give its application.

- (vii) Draw the parent nucleus of Steroids.
- (viii) How urea is manufactured? Give its reaction involved.
- (ix) Define Cement. Write its composition.

SECTION-II

NOTE	E: - Attempt any three questions.	$8 \times 3 = 24$
5.(a)	Give two similarities and two differences of Hydrogen with group 1A elements.	4
(b)	Describe commercial preparation of Sodium by Down's Cell.	4
6.(a)	What happens when Orthoboric Acid reacts with	
	(i) C_2H_3OH (ii) $NaOH$ (iii) Na_2CO_1 (iv) H_2O	4
(b)	Write important applications of Noble Gases.	4
7.(a)	Write a detailed note on cracking of Hydrocarbons.	4
(b)	What do you understand by the term β – elimination?	
	Explain briefly the E_1 mechanism with example.	4
8.(a)	Discuss any four methods of preparation of Alkanes.	4
(b)	What is Cannizzaro's reaction? Explain its reaction mechanism in detail.	4
9.(a)	Write down four evidences which support Kekule's structure of Benzene.	4
(b)	Explain with diagram industrial preparation of Methyl alcohol.	4
	SECTION-III (PRACTICAL)	
10. At	tempt any three parts.	5 ×3 = 15
(i)	Write complete qualitative analysis for Zine radical in a systematic manner.	5
(ii)	Write complete qualitative analysis for Potassium radical in a systematic manner.	5
(iii)	Write complete qualitative analysis for carbonate radical in a systematic manner.	5
(iv)	How will you identify and confirm the carboxylic group in an organic compound?	5
(v)	Write the material required, equation and procedure for the preparation of Copper Ammine Complex.	5

Pape	er Cod	e	1		
Num	ber:	8481		W N.	Roll No
			INTERMEDIA?	TE PART-II (12th (CLASS)
Note think Cutting as giv	E ALI : You is corn ing or f en in c BLES:	LOWED: 20 have four cho rect, fill that ci illing two or n objective type	ircle in front of that que ore circles will result	OBJECTIVE type question as A, I uestion number. Use in zero mark in that ave others blank. No	MAXIMUM MARKS: 17 B, C and D. The choice which you marker or pen to fill the circles. question. Attempt as many question credit will be awarded in case
(Î)		ment	is incorrect.		
	$(\Delta) A$	All metals are g	ood conductors of heat	(B) All metal	s are good conductors of electricity
	(C) A	all metals form	acidic oxides	(D) All metal	s form positive ions
(2)		does not belo	ng to Alkaline Earth me	etals.	
	(A) I	Be	(B) Ra	(C) Ba	(D) Rn
(3)	_	metal is used	in Thermit Process bec	ause of its activity.	
	(A) h		(B) Copper	(C) Aluminium	(D) Zinc
(4)			on energy is possessed	by:-	
	100 (400	litrogen	A COMPANY OF THE BOARD OF THE STATE OF THE S	(C) Antimony	(D) Bismith
(5)		is the weakes			
***	9.57.550	HF	(B) <i>HCℓ</i>	(C) HBr	(D) <i>HI</i>
(6)			transition elements is:-		
CT0	(A)		(B) 14	(C) 40	(D) 58
(7)			ration of Carbon atom i		
	(A) s		(B) sp ²	(C) <i>sp</i>	(D) dsp^2
(8)	Form	ula of Chlorofo	orm is:-		
	(A) ($CH_3C\ell$	(B) $CH_2C\ell_2$	(C) <i>CHCℓ</i> ₁	(D) CCl ₄
(9)		_ acid can be u	ised as a catalyst in Frie	ede-Crafts Reactions.	
	(A)	$A\ell C\ell_3$	(B) HNO ₃	(C) $BaC\ell_2$	(D) NaCé
(10)		_ is not a nucle	eophile.		
	(A) I	H_2O	(B) H_2S	(C) BF ₃	(D) NH ₃
(11)		_compound sl	nows Hydrogen bonding	2.	
	(A) (C_6H_6	(B) C_2H_5CR	(C) CH ₃ - O - CH ₃	(D) C ₂ H ₅ OH
(12)			th both the Aldehydes a		are to a south on the south
30 300					ent (D) Benedict's reagent
(13)		ic acid is manu			
		Distillation	.000-2-00-2-00/100	(C) Ozonolysis	(D) Esterification
(14)		_ enzyme bring	gs about the Hydrolysis	of Fats.	
	(A) U	Jrease	(C) Maltase	(C) Zymase	(D) Lipase
(15)	Phosp	ohorus helps th	e growth of:-		
	(A) B	Root	(B) Leave	(C) Stem	(D) Seed
(16)	The	main pollutant	of leather tanneries in t	he waste water is due t	o salt of:-
	(A) I	Pb	(B) Cr (VI)	(C) Cu	(D) Cr(III)
(17)	News	spaper can be re	ecycled again and again	bytimes.	
	(A)	2	(B) 3	(C) 4 23(Obj)(1)-	(D) 5 2017(S)- 530 (MULTAN)

Nun	ber: 8483)	2017 (S)	Roll No
		─ INTERMEDIA	TE PART-II (12t	h CLASS)
CHE	MISTRY PAR	PER-II (OLD SC		
	E ALLOWED: 20		OBJECTIVE	MAXIMUM MA , B, C and D. The choice whi
think Cuttinas giv BUBI	is correct, fill that ing or filling two or on in objective type BLES are not filled	circle in front of that a more circles will resul	question number. Us It in zero mark in tha cave others blank. N	se marker or pen to fill the ci at question. Attempt as many so credit will be awarded in c
Q.No. (1)		ngs about the Hydrolysi	s of Fats.	
	(A) Urease	(C) Maltase	(C) Zymase	(D) Lipase
(2)	Phosphorus helps t	he growth of:-	0.00 2 000 12 0.00 (0.00) 10 PM 1	-2000 de-10 (200 (200 (200 (200)
	(A) Root	(B) Leave	(C) Stem	(D) Seed
(3)	The main pollutant	of leather tanneries in	the waste water is due	to salt of:-
	(A) Pb	(B) Cr (VI)	(C) Cu	(D) Cr (HI)
(4)	Newspaper can be	recycled again and aga	in by times.	
	(A) 2	(B) 3	(C) 4	(D) 5
(5)	Statement	_ is incorrect.		
	(A) All metals are	good conductors of her	t (B) All me	tals are good conductors of elec-
	(C) All metals form	m acidic oxides	(D) All me	tals form positive ions
(6)	does not bel	ong to Alkaline Earth r	netals.	
	(A) Be	(B) Ra	(C) Ba	(D) Rn
(7)	metal is use	d in Thermit Process be	ecause of its activity.	
	(A) Iron	(B) Copper	(C) Aluminium	(D) Zinc
(8)	The highest ioniza	tion energy is possessed	d by:-	
	(A) Nitrogen	(B) Phosphorus	(C) Antimony	(D) Bismith
(9)	is the weak			
		(B) <i>HCℓ</i>	10.12	(D) HI
(10)	The total number of	f transition elements is	:-	
	(A) 10	(B) 14	(C) 40	(D) 58
(11)	The state of hybrid	ization of Carbon atom	in Methane is:-	
	(A) sp ³	(B) sp ²	(C) sp	(D) dsp ²
(12)	Formula of Chloro	oform is:-		
	(A) $CH_3C\ell$	(B) $CH_2C\ell_2$	(C) $CHC\ell_3$	(D) CCℓ ₄
(13)	acid can be	e used as a catalyst in F	riede-Crafts Reaction	s.
	(A) $A\ell C\ell_3$	(B) HNO ₃	(C) $BaC\ell_2$	(D) NaCl
(14)	is not a nuc	leophile.	There's	
			(C) BF ₃	(D) NH ₃
(15)		shows Hydrogen bondir	TE78 IS	初年一個
	1975000 Services	(B) C ₂ H ₅ Cℓ		I. (D) C.H.OH
(16)		with both the Aldehydes		ALL ALL TO ALL T
		- Control of the Cont		agent (D) Benedict's reagent
(17)	Acetic acid is man		om (c) reming s res	gent (D) Deticulet 5 reagent
	(A) Distillation	(B) Fermentation	(C) Ozonolysis	(D) Esterification
	A TOTAL STREET	12/1 officiation	(C) Ozonorysis	(D) Laterification

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Pape	er Code	0.5	2017 (S)	Roll No.
Num	ber: 848	SO	DIATE PART-II (12 th	
TIMI Note think Cutting as giv	E ALLOWED : You have fou is correct, fill the ng or filling two en in objective BLES are not fi	PAPER-II (OLD 20 Minutes r choices for each objust hat circle in front of to or more circles will type question paper a	SCHEME) (SESSION OBJECTIVE DESCRIPTION OF SESSION OF SE	ON 2012-2014) MAXIMUM MARI B, C and D. The choice which marker or pen to fill the circl question. Attempt as many que credit will be awarded in case
(1)		bridization of Carbon	atom in Methane is:-	
	(A) sp^3	(B) sp ²	(C) sp	(D) dsp ²
(2)	Formula of Ch	loroform is:-		
	(A) $CH_3C\ell$	(B) <i>CH</i> ₂ <i>Cℓ</i> ₂	(C) CHCℓ,	(D) CCℓ ₄
(3)	acid car	n be used as a catalyst	in Friede-Crafts Reactions.	
		(B) <i>HNO</i> ,	(C) BaCl ₂	(D) NaCt
(4)	is not a			
Principe.	(A) H ₂ O	120 V = 1 000 = 100	(C) BF ₁	(D) NH ₃
(5)	Manager Contraction	and shows Hydrogen be	10-500 (10-500 -)	
(SX	The second second second		(C) CH ₃ - O - CH ₃	(D) C. H. OH
(6)		nct with both the Aldeh	7.692676 11.59	(1) (1)
1862				gent (D) Benedict's reagent
(7)		manufactured by:-	reagent (C) reming s reag	gent (D) Denedict's reagent
12.00	(A) Distillation		on (C) Ozonolysis	(D) Esterification
(8)	THE REPORT OF THE PARTY	brings about the Hydr		V. V. Tarana
	(A) Urease	(C) Maltase	(C) Zymase	(D) Lipase
(9)	Phosphorus hel	ps the growth of:-	10 min	**************************************
	(A) Root	(B) Leave	(C) Stem	(D) Seed
(10)	The main poll	utant of leather tanneri	es in the waste water is due	to salt of:-
	(A) Pb	(B) Cr (VI)	(C) Cu	(D) Cr (III)
(11)	Newspaper car	n be recycled again and	l again by times.	
(12)	(A) 2 Statement	(B) 3 is incorrect.	(C) 4	(D) 5
	(A) All metals	are good conductors of	of heat (B) All meta	als are good conductors of electr
	(C) All metals	form acidic oxides	(D) All met	als form positive ions
(13)	does no	t belong to Alkaline E	arth metals.	
	(A) Be	(B) Ra	(C) Ba	(D) Rn
(14)	And Andrews		ess because of its activity.	
	(A) Iron	(B) Copper	(C) Aluminium	(D) Zinc
(15)	CARREST CARROLL	mization energy is pos	a construction	Zenik en Medelekaria
(12)	(A) Nitrogen	(B) Phosphoru	is (C) Antimony	(D) Bismith
(16)		weakest acid.	CON UP.	(D) HI
/17:	(A) HF	(B) HCl	(C) HBr	(D) <i>HI</i>
(17)		ber of transition eleme		(10) 59
	(A) 10	(B) 14	(C) 40	(D) 58

Par	oer Code			
Nui	mber: 848'	/	2017 (S)	Roll No
CH		INTERMEDIA	TE PART-II (12th	CLASS)
TIM	E ALLOWED: 2	PER-II (OLD SC 20 Minutes	OBJECTIVE	ON 2012-2014) MAXIMUM MARKS: 1
Note thin! Cutt as gi	e: You have four o k is correct, fill that ing or filling two or ven in objective typ BLES are not filled	choices for each objecti t circle in front of that r more circles will resu	ve type question as A, question number. Use It in zero mark in that eave others blank. No	B, C and D. The choice which you e marker or pen to fill the circles. t question. Attempt as many question or credit will be awarded in case.
1)		ation energy is possesse	d by:-	(4)
	(A) Nitrogen	(B) Phosphorus	(C) Antimony	(D) Bismith
2)	is the weak	est acid.		
	(A) HF	(B) <i>HCℓ</i>	(C) HBr	(D) HI
3)	The total number	of transition elements is	:-	
	(A) 10	(B) 14	(C) 40	(D) 58
4)	The state of hybri	dization of Carbon atom	in Methane is:-	
	(A) sp^3	(B) sp ²	(C) sp	(D) dsp ²
5)	Formula of Chlore	oform is:-		
	(A) $CH_3C\ell$	(B) CH ₂ Cℓ ₂	(C) CHCℓ ₃	(D) CCℓ ₄
6)	acid can be	e used as a catalyst in Fr	iede-Crafts Reactions.	Mode ta-carr.
	(A) AlCl	(B) HNO,	(C) BaCℓ,	(D) NaCℓ
7)	is not a nuc		, , , , , , , , , , , , , , , , , , , ,	(-)
7.0750		(B) H ₂ S	(C) BF,	(D) NH ₃
8)		shows Hydrogen bondir		(0) 1113
.,		(B) $C_2H_5C\ell$	0. 00 .00	OD C H OH
9)			38-W - 280 A 3	$(b) C_2 H_5 OH$
10)				gent (D) Benedict's reagent
	(A) Distillation	(B) Fermentation	(C) Ozonolysis	(D) Esterification
11)	enzyme br	ings about the Hydrolys	is of Fats.	
	(A) Urease	(C) Maltase	(C) Zymase	(D) Lipase
12)	Phosphorus helps	the growth of:-		290-98 - 1024 - 1972 E 2013 - 1
	(A) Root	(B) Leave	(C) Stem	(D) Seed
13)	The main pollutar	nt of leather tanneries in	the waste water is due	to salt of:-
	(A) Pb	(B) $Cr(VI)$	(C) Cu	(D) $Cr(III)$
14)	Newspaper can be	recycled again and aga	in by times.	
15)	(A) 2 Statement	(B) 3 is incorrect.	(C) 4	(D) 5
	(A) All metals are	good conductors of hea	t (B) All meta	als are good conductors of electricity
	(C) All metals for	m acidic oxides	(D) All meta	als form positive ions
16)	does not be	elong to Alkaline Earth	metals.	
	(A) Be	(B) Ra	(C) Ba	(D) Rn
17)	metal is us	ed in Thermit Process b	ecause of its activity.	
	(A) Iron	(B) Copper	(C) Aluminium	(D) Zinc
			23(Obj)(ਪੈਪੈਪੈ	☆)-2017(S)- <i>5</i> 30 (MULTAN)
				0.000

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BOARD OF INTERMEDIATE AND SECONDARY EDUCATION,

OBJECTIVE KEY FOR INTER (PART-I/II) Annual Examination, 2017.

Name of Subject Chemicky (Old) I Session (15-17) Chemity (New)

Q. Nos.	Paper Code	St Ses Paper Code	Paper	Paper Code
	8481	8483	#885 84	8487
1.	C.	D	A	A
2.	D	D	۵.	A
3.	C	В	A	D
4.	A	D	_	Α
5.	A	С.	D	C
6.	D	D	A	A
7.	A	C.	B	C
8.	C	A	D	D
9.	A	A	D	A
10.	C.	D	B	B
11.	D	A	D	D
12.	A	C	C	D
13.	B	A	D	B
14.	D	С	C	D
15.	D	D	A	С
16.	13	A	A	D
17.	D	B	D	C
18.				2011
19.				
20.				

5. M. Nacem Archad ASSO/

Group Q. Nos.	Paper Code	Paper Code	Paper Code	Paper Code
	4481	4483	4485	4487
1.	c	A	C	D
2.	C	B	B	A
3.	D	C	D	B
4.	A	C	D	C.
5.	D	C	A	В
6.	A	D	A	D
7.	B	A -	$\neg B$	D
8.	C	D	A	A
9.	В	A	B	A
10.	D	B	C	В
11.	D	С	C	A
12.	A	B	C	B
13.	A	D	D	C.
14.	B	D	A	C.
15.	A	A	D	c
16.	В	A	Α	D
17.	C	B	B	A
18.				
19.				
20.	-			

(Subjective & Objevtive) كويظرمين چاكرايا ب يرچليس كيس مطابق Set كيا تيا ب-ال سواليد برچد من كي تم كي كول غلطی ند ہے۔ ہم نے سوالیہ پر چہ کاردواور انگریزی Version بھی چیک کرلیا ہے یہ Version آئیں جس مطابقت دکتے ہیں اور سلیس (Syllabus) كىمطابى بى يىن ينزاس برچى Key كى بايت بى الفديق كى جاتى بىكى درست ينالى كى بساس يىل كى تىم كاكولى تنطى نسب-حزید بیکہ ہم نے Key بنانے سے متعلق دفتر کی جانب سے تیارہ کروہ ہدایات وصول کر کے ان کا بغور مطالعہ کرایا ہے اور ان کی روشن میں Key بنائی ہے۔ PREPARED & CHECKED BY Sr.No Name Designation Institution Mobile No. Signature. Brincipal Min M-Nawaz Gout. College Mignellanny. 2 M. Kh. Liel AKLYON ASSO Port Growt College Multan 3. M. Tarigy She had A/P 4. Dr. M. Ranzan Gout-Emerson College