2017 (A) Roll No: _____

INTERMEDIATE PART-II (12th CLASS)

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

TIME ALLOWED: 2.40 Hours **SUBJECTIVE** MAXIMUM MARKS: 68

NOTE: - 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 × 2 = 16**

(i) Define Hydration Energy. Give one example.
(ii) Why diamond is non-conductor of electricity while graphite is a good conductor?
(iii) What happens when the following compounds are heated? (a) $LiOH$ (b) $Mg(NO_3)_2$
(iv) Which two major problems are faced during working of diaphragm cell?
(v) Write down chemical formula of Colemanite and Bauxite.
(vi) Why are liquid Silicones preferred over Ordinary Petroleum Oil?
(vii) Give two chemical reactions to prove that NO_2 is an Oxidizing Agent.
(viii) Write two precipitation reactions of Sulphuric Acid.
(ix) Why group IIB elements are called Non–typical Transition elements?
(x) What are Ligands? Give two examples.
(xi) What is Ecosystem?
(xii) How does increasing concentration of detergents affect the aquatic life?

3. Attempt any eight parts. **8 × 2 = 16**

(i) What is Teflon? Give its uses.
(ii) Why the Oxyacids of Chlorine are stronger than Oxyacids of Bromine?
(iii) 1 – Butene does not show Cis-trans isomerism but 2 – Butene does. Justify this statement.
(iv) Define the terms:- (a) Fractional distillation (b) Hybridization
(v) Write chemical equations for preparation of propene from:-
(a) $CH_3CH_2CH_2Br$ (b) $CH_3CH_2CH_2OH$
(vi) What is Polymerization? How high quality polyethylene is obtained from Ethene?
(vii) Define Resonance and Resonance Energy.
(viii) What are objections to Kekule's formula?
(ix) Justify the given order of reactivity on the basis of bond energy $R-I > R-Br > R-C\ell > R-F$
(x) Complete the following reactions:-
(a) $CH_3CH_2-Br + CH_3O^- \longrightarrow$ (b) $CH_3CH_2-Br + CH_3COO^-Na^+ \longrightarrow$
(xi) What is meant by denaturing of Alcohol?
(xii) Give reactions of Phenol with:- (a) Bromine water (b) Conc H_2SO_4

4. Attempt any six parts. **6 × 2 = 12**

(i) Convert Acetaldehyde to 1, 1 – Diethoxyethane.
(ii) Convert Acetone to Acetic Acid.
(iii) Draw the structural formula of (a) Epichlorohydrin (b) Diphenylol Propane
(iv) What is condensation polymerization? Give a reaction.
(v) Draw the structural formulas of (a) Valeric acid (b) Phthalic acid
(vi) What are Amino Acids? Give two examples.
(vii) What are Carbohydrates? How are they classified?
(viii) What are Fertilizers? Why are they needed?
(ix) What is the composition of Lime and Silica of good Cement?

SECTION-II

NOTE: - Attempt any three questions.

5.(a) Explain the position of Hydrogen in 1st A group of periodic table with two similarities and two differences. 2 + 2
(b) Describe four peculiar behaviour of Beryllium. 4
6.(a) Explain Bessemer's Process for manufacturing of Steel with the help of diagram. 1 + 3
(b) Where does Ozone exist in atmosphere? What is Ozone hole? Write role of *CFCs* in destroying ozone. 1 + 1 + 2
7.(a) Define sp^2 hybridization. Explain the structure of Ethene on the basis of sp^2 hybridization. 4
(b) What are S_N reactions? Explain S_N2 reactions in detail. 4
8.(a) How will you make the following conversions? 4
(i) n – prophyl bromide into propane (ii) Propanoic acid into Ethane
(iii) Ethane into Methane (iv) 2 – Butyne into Cis – 2 – Butene
(b) What types of Aldehydes give Cannizzaro's reaction? Give its mechanism. 4
9.(a) Describe Nitration and Sulphonation of Benzene with Mechanism. 4
(b) Explain the following terms using Ethyl Alcohol as an example:- 4
(i) Oxidation (ii) Dehydration (iii) Esterification (iv) Ether formation

Paper Code Number: 4481	2017 (A)	Roll No._____

INTERMEDIATE PART-II (12th CLASS)

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

TIME ALLOWED: 20 Minutes **OBJECTIVE** MAXIMUM MARKS: 17

Note: You have four choices for each objective type question as A, B, C and D. The choice which you think is correct, fill that circle in front of that question number. Use marker or pen to fill the circles. Cutting or filling two or more circles will result in zero mark in that question. Attempt as many questions as given in objective type question paper and leave others blank. No credit will be awarded in case BUBBLES are not filled. Do not solve question on this sheet of OBJECTIVE PAPER.

Q.No.1

(1) Keeping in view the size of atoms, _____ order is correct one.

(A) $Mg > Sr$ (B) $Ba > Mg$ (C) $Lu > Ce$ (D) $C\ell > I$

(2) The mineral $CaSO_4.2H_2O$ has the general name:-

(A) Gypsum (B) Dolomite (C) Calcite (D) Epsom salt

(3) _____ element is not present abundantly in earth's crust.

(A) Silicon (B) Aluminium (C) Sodium (D) Oxygen

(4) Oxidation of NO in air produces:-

(A) N_2O (B) N_2O_3 (C) N_2O_4 (D) N_2O_5

(5) The anhydride of $HC\ell O_4$ is:-

(A) $C\ell O$ (B) $C\ell O_2$ (C) $C\ell O_3$ (D) $C\ell_2O_7$

(6) Coordination number of Pt in $[PtC\ell(NO_2)(NH_3)_4]^{2-}$ is:-

(A) 2 (B) 4 (C) 1 (D) 6

(7) Ether shows the phenomenon of:-

(A) Position Isomerism (B) Functional group isomerism (C) Metamerism (D) Cis – trans isomerism

(8) Vinyl acetylene combines with $HC\ell$ to form:-

(A) Polyacetylene (B) Benzene (C) Chloroprene (D) Divinyl Acetylene

(9) _____ acid can be used as a catalyst in Friedel–Craft's reactions.

(A) $A\ell C\ell_3$ (B) HNO_3 (C) $BeC\ell_2$ (D) $NaC\ell$

(10) _____ is not a Nucleophile.

(A) H_2O (B) H_2S (C) BF_3 (D) NH_3

(11) According to Lewis concept, ethers behave as:-

(A) Acid (B) Base (C) Acid as well as a base (D) Electrophile

(12) The carbon atom of a Carbonyl group is:-

(A) sp hybridized (B) sp^2 hybridized (C) sp^3 hybridized (D) dsp^2 hybridized

(13) Acetic acid is manufactured by:-

(A) Distillation (B) Fermentation (C) Ozonolysis (D) Esterification

(14) _____ is used in the manufacture of synthetic fibre.

(A) Formic acid (B) Oxalic acid (C) Amino acid (D) Acetic acid

(15) The reaction between fat and $NaOH$ is called:-

(A) Esterification (B) Hydrogenolysis (C) Fermentation (D) Saponification

(16) Phosphorus helps the growth of:-

(A) Root (B) Leave (C) Stem (D) Seed

(17) _____ is a secondary pollutant.

(A) Carbonic acid (B) CO_2 (C) SO_2 (D) CO

Paper Code Number: 4483

2017 (A) Roll No._____

INTERMEDIATE PART-II (12th CLASS)

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

TIME ALLOWED: 20 Minutes **OBJECTIVE** MAXIMUM MARKS: 17

Note: You have four choices for each objective type question as A, B, C and D. The choice which you think is correct, fill that circle in front of that question number. Use marker or pen to fill the circles. Cutting or filling two or more circles will result in zero mark in that question. Attempt as many questions as given in objective type question paper and leave others blank. No credit will be awarded in case BUBBLES are not filled. Do not solve question on this sheet of OBJECTIVE PAPER.

Q.No.1

(1) _____ is used in the manufacture of synthetic fibre.

(A) Formic acid (B) Oxalic acid (C) Amino acid (D) Acetic acid

(2) The reaction between fat and $NaOH$ is called:-

(A) Esterification (B) Hydrogenolysis (C) Fermentation (D) Saponification

(3) Phosphorus helps the growth of:-

(A) Root (B) Leave (C) Stem (D) Seed

(4) _____ is a secondary pollutant.

(A) Carbonic acid (B) CO_2 (C) SO_2 (D) CO

(5) Keeping in view the size of atoms, _____ order is correct one.

(A) $Mg > Sr$ (B) $Ba > Mg$ (C) $Lu > Ce$ (D) $C\ell > I$

(6) The mineral $CaSO_4.2H_2O$ has the general name:-

(A) Gypsum (B) Dolomite (C) Calcite (D) Epsom salt

(7) _____ element is not present abundantly in earth's crust.

(A) Silicon (B) Aluminium (C) Sodium (D) Oxygen

(8) Oxidation of NO in air produces:-

(A) N_2O (B) N_2O_3 (C) N_2O_4 (D) N_2O_5

(9) The anhydride of $HC\ell O_4$ is:-

(A) $C\ell O$ (B) $C\ell O_2$ (C) $C\ell O_3$ (D) $C\ell_2O_7$

(10) Coordination number of Pt in $[PtC\ell(NO_2)(NH_3)_4]^{2-}$ is:-

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(17) Acetic acid is manufactured by:-

(A) Distillation (B) Fermentation (C) Ozonolysis (D) Esterification

Paper Code Number: 4485

2017 (A) Roll No._____

INTERMEDIATE PART-II (12th CLASS)

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

TIME ALLOWED: 20 Minutes **OBJECTIVE** MAXIMUM MARKS: 17

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Q.No.1

(1) Vinyl acetylene combines with $HC\ell$ to form:-

(A) Polyacetylene (B) Benzene (C) Chloroprene (D) Divinyl Acetylene

(2) _____ acid can be used as a catalyst in Friedel–Craft's reactions.

(A) $A\ell C\ell_3$ (B) HNO_3 (C) $BeC\ell_2$ (D) $NaC\ell$

(3) _____ is not a Nucleophile.

(A) H_2O (B) H_2S (C) BF_3 (D) NH_3

(4) According to Lewis concept, ethers behave as:-

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(10) _____ is a secondary pollutant.

(A) Carbonic acid (B) CO_2 (C) SO_2 (D) CO

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(A) $C\ell O$ (B) $C\ell O_2$ (C) $C\ell O_3$ (D) $C\ell_2O_7$

(16) Coordination number of Pt in $[PtC\ell(NO_2)(NH_3)_4]^{2-}$ is:-

(A) 2 (B) 4 (C) 1 (D) 6

(17) Ether shows the phenomenon of:-

(A) Position Isomerism (B) Functional group isomerism (C) Metamerism (D) Cis – trans isomerism

Paper Code Number: 4487

2017 (A) Roll No._____

INTERMEDIATE PART-II (12th CLASS)

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

TIME ALLOWED: 20 Minutes **OBJECTIVE** MAXIMUM MARKS: 17

Note: You have four choices for each objective type question as A, B, C and D. The choice which you think is correct, fill that circle in front of that question number. Use marker or pen to fill the circles. Cutting or filling two or more circles will result in zero mark in that question. Attempt as many questions as given in objective type question paper and leave others blank. No credit will be awarded in case BUBBLES are not filled. Do not solve question on this sheet of OBJECTIVE PAPER.

Q.No.1

(1) The anhydride of $HC\ell O_4$ is:-

(A) $C\ell O$ (B) $C\ell O_2$ (C) $C\ell O_3$ (D) $C\ell_2 O_7$

(2) Coordination number of Pt in $[PtC\ell(NO_2)(NH_3)_4]^{2-}$ is:-

(A) 2 (B) 4 (C) 1 (D) 6

(3) Ether shows the phenomenon of:-

(A) Position Isomerism (B) Functional group isomerism (C) Metamerism (D) Cis – trans isomerism

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(A) Polyacetylene (B) Benzene (C) Chloroprene (D) Divinyl Acetylene

(5) _____ acid can be used as a catalyst in Friedel–Craft's reactions.

(A) $A\ell C\ell_3$ (B) HNO_3 (C) $BeC\ell_2$ (D) $NaC\ell$

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(A) Acid (B) Base (C) Acid as well as a base (D) Electrophile

(8) The carbon atom of a Carbonyl group is:-

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(16) _____ element is not present abundantly in earth's crust.

(A) Silicon (B) Aluminium (C) Sodium (D) Oxygen

(17) Oxidation of NO in air produces:-

(A) N_2O (B) N_2O_3 (C) N_2O_4 (D) N_2O_5

2017 (A) Roll No: _____

INTERMEDIATE PART-II (12th CLASS)

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

TIME ALLOWED: 2.40 Hours **SUBJECTIVE** MAXIMUM MARKS: 68

NOTE: - 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) Define Atomic Radius. Why atomic radii of $I\,A$ group elements increases in a group?

(ii) Hydration energies of the following ions are in order. Explain $A\ell^{+3} > Mg^{+2} > Na^{+}$

(iii) What is the importance of Sulpher for Plants?

(iv) Why $NaOH$ aqueous solution is more basic than $LiOH$?

(v) Aluminium sheets are said to be corrosion free. Why?

(vi) Give peculiar behavior of Carbon with $1VA$ group elements. Give two points of differences.

(vii) What is the effect of Temperature on N_2O_4 ?

(viii) Mention allotropic forms of VIA group elements.

(ix) What are Substitutional Alloys?

(x) Under what conditions does Aluminium corrode?

(xi) How recycling of plastic is done by a process transformation?

(xii) What are harmful effects of Chlorination of Water?

3. Attempt any eight parts. $8 \times 2 = 16$

(i) Why HF is weaker acid than HI ?

(ii) What are Disproportionation Reactions? Give an example.

(iii) 2 – Butene shows Geometrical isomerism but 1 – Butene does not show. Why?

(iv) What are Alicyclic Compounds? Give two examples.

(v) How Alkane can be prepared by Wolf Kishner's Reaction?

(vi) How Ethene can be converted into Ethylene Glycol?

(vii) What happens when Benzene is heated with conc. H_2SO_4 at $80^{o}C$?

(viii) Give Mechanism of Nitration of Benzene.

(ix) How tetraethyl lead can be prepared from Alkyl Halides?

(x) Which factor decides the reactivity of Alkyl Halides?

(xi) Write the structural formulas of (a) Lactic Acid (b) Tartaric Acid

(xii) What is meant by Denaturing of Alcohol?

4. Attempt any six parts. $6 \times 2 = 12$

(i) How will you distinguish between Methanol and Ethanol?

(ii) Write general mechanism of the reactions of Ammonia derivatives with carbonyl Compounds.

(iii) Write the structural formula of Phthalic Acid and Malonic acid.

(iv) Define essential and Non-essential Amino Acids.

(v) Define Copolymers with one example.

(vi) How are Proteins denatured?

(vii) What is the effect of temperature on Enzyme Activity?

(viii) What are Macro-nutrients? Write their names.

(ix) What are the reactions taking place between one to seven days in setting of Cement?

SECTION-II

NOTE: - Attempt any three questions.

5.(a) Explain Sixth and 7th period of Periodic Table. 2 + 2

(b) How & why Beryllium differs from its group members? 1 + 3

6.(a) Explain open hearth process for the manufacture of Steel. 4

(b) Why is Ozone layer depleting? What will happen when concentration of Ozone will be decreased? 4

7.(a) Write a short note on Reforming? 4

(b) Give two chemical reactions which are used for increasing Carbon Chain? 4

8.(a) How does Propyne react with following reagents? 4

(i) $AgNO_3 / NH_4OH$ (ii) $Cu_2C\ell_2 / NH_4OH$ (iii) $H_2O / H_2SO_4\ HgSO_4$ (iv) $NaNH_2$

(b) What are Condensation Reactions? Explain Aldol condensation with three examples. 4

9.(a) Discuss the stability of benzene in detail with reference to 1, 3, 5 cyclohexatriene. 4

(b) What is Fermentation? How Ethyl Alcohol can be prepared by this method from Molasses? 4

Paper Code Number: 4482

2017 (A) Roll No._____

INTERMEDIATE PART-II (12th CLASS)

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

TIME ALLOWED: 20 Minutes **OBJECTIVE** MAXIMUM MARKS: 17

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Q.No.1

(1) Mark the correct statement:- (A) Metallic Character decreases along a period (B) Metallic Character increases along a period (C) Metallic Character increases down the group (D) Metallic Character remains the same down the group

(2) ____ element is deposited at the Cathode during the electrolysis of brine in Nelson Cell.

(A) H_2 (B) Na (C) $C\ell_2$ (D) O_2

(3) Aluminium Oxide is:-

(A) Acidic Oxide (B) Basic Oxide (C) Amphoteric Oxide (D) None of these

(4) _____ Catalyst is used in the Contact Process.

(A) Fe_2O_3 (B) V_2O_5 (C) SO_3 (D) Ag_2O

(5) ____ is the strongest acid.

(A) $HC\ell O$ (B) $HC\ell O_2$ (C) $HC\ell O_3$ (D) $HC\ell O_4$

(6) _____ is a typical transition element.

(A) Sc (B) Y (C) Ra (D) Co

(7) A double bond consists of:- (A) Two Sigma bond (B) One Sigma and one pi bond (C) One Sigma and two pi bond (D) Two pi bonds

(8) $\beta-\beta'$ – dichloro Ethyl Sulphide is commonly known as:-

(A) Mustard gas (B) Laughing gas (C) Phosgene gas (D) Bio – gas

(9) Benzene cannot undergo:-

(A) Substitution reactions (B) Addition reactions (C) Oxidation reactions (D) Elimination reactions

(10) Elimination bimolecular reactions involve:-

(A) First order kinetics (B) Second order kinetics (C) 3rd order kinetics (D) Zero order kinetics

(11) Alcohol obtained by fermentation never exceeds:-

(A) 14 % (B) 10 % (C) 16 % (D) 95 %

(12) Ketones are prepared by Oxidation of:-

(A) Primary Alcohol (B) Secondary Alcohol (C) Tertiary Alcohol (D) All of these

(13) Acetamide is prepared by:- (A) Heating Ammonium Acetate (B) Heating Methyl Cyanide (C) Heating of Phthalic Acid (D) Heating Ethyl Acetate

(14) Polypeptide has molecular mass up to:-

(A) 10,000 (B) 20,000 (C) 1000 (D) 10

(15) ____ polymers is a synthetic polymer.

(A) Animal fat (B) Starch (C) Cellulose (D) Polyester

(16) Ammonium Nitrate fertilizer is not used for _____ crop.

(A) Cotton (B) Wheat (C) Sugar cane (D) Paddy Rice

(17) Newspaper can be recycled again and again by _____ times.

(A) 2 (B) 5 (C) 4 (D) 3

Paper Code Number: 4484

2017 (A) Roll No._____

INTERMEDIATE PART-II (12th CLASS)

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

TIME ALLOWED: 20 Minutes **OBJECTIVE** MAXIMUM MARKS: 17

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(A) 2 (B) 5 (C) 4 (D) 3

(5) Mark the correct statement:- (A) Metallic Character decreases along a period

(B) Metallic Character increases along a period (C) Metallic Character increases down the group

(D) Metallic Character remains the same down the group

(6) ____ element is deposited at the Cathode during the electrolysis of brine in Nelson Cell.

(A) H_2 (B) Na (C) $C\ell_2$ (D) O_2

(7) Aluminium Oxide is:-

(A) Acidic Oxide (B) Basic Oxide (C) Amphoteric Oxide (D) None of these

(8) _____ Catalyst is used in the Contact Process.

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(A) $HC\ell O$ (B) $HC\ell O_2$ (C) $HC\ell O_3$ (D) $HC\ell O_4$

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(B) One Sigma and one pi bond (C) One Sigma and two pi bond (D) Two pi bonds

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(A) Mustard gas (B) Laughing gas (C) Phosgene gas (D) Bio – gas

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(A) Substitution reactions (B) Addition reactions (C) Oxidation reactions (D) Elimination reactions

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(A) Primary Alcohol (B) Secondary Alcohol (C) Tertiary Alcohol (D) All of these

(17) Acetamide is prepared by:- (A) Heating Ammonium Acetate

(B) Heating Methyl Cyanide (C) Heating of Phthalic Acid (D) Heating Ethyl Acetate

Paper Code Number: 4486

2017 (A) Roll No._____

INTERMEDIATE PART-II (12th CLASS)

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

TIME ALLOWED: 20 Minutes **OBJECTIVE** MAXIMUM MARKS: 17

Note: You have four choices for each objective type question as A, B, C and D. The choice which you think is correct, fill that circle in front of that question number. Use marker or pen to fill the circles. Cutting or filling two or more circles will result in zero mark in that question. Attempt as many questions as given in objective type question paper and leave others blank. No credit will be awarded in case BUBBLES are not filled. Do not solve question on this sheet of OBJECTIVE PAPER.

Q.No.1

(1) $\beta - \beta'$ – dichloro Ethyl Sulphide is commonly known as:-

(A) Mustard gas (B) Laughing gas (C) Phosgene gas (D) Bio – gas

(2) Benzene cannot undergo:-

(A) Substitution reactions (B) Addition reactions (C) Oxidation reactions (D) Elimination reactions

(3) Elimination bimolecular reactions involve:-

(A) First order kinetics (B) Second order kinetics (C) 3rd order kinetics (D) Zero order kinetics

(4) Alcohol obtained by fermentation never exceeds:-

(A) 14 % (B) 10 % (C) 16 % (D) 95 %

(5) Ketones are prepared by Oxidation of:-

(A) Primary Alcohol (B) Secondary Alcohol (C) Tertiary Alcohol (D) All of these

(6) Acetamide is prepared by:- (A) Heating Ammonium Acetate

(B) Heating Methyl Cyanide (C) Heating of Phthalic Acid (D) Heating Ethyl Acetate

(7) Polypeptide has molecular mass up to:-

(A) 10,000 (B) 20,000 (C) 1000 (D) 10

(8) ____ polymers is a synthetic polymer.

(A) Animal fat (B) Starch (C) Cellulose (D) Polyester

(9) Ammonium Nitrate fertilizer is not used for _____ crop.

(A) Cotton (B) Wheat (C) Sugar cane (D) Paddy Rice

(10) Newspaper can be recycled again and again by _____ times.

(A) 2 (B) 5 (C) 4 (D) 3

(11) Mark the correct statement:- (A) Metallic Character decreases along a period

(B) Metallic Character increases along a period (C) Metallic Character increases down the group
(D) Metallic Character remains the same down the group

(12) ____ element is deposited at the Cathode during the electrolysis of brine in Nelson Cell.

(A) H_2 (B) Na (C) $C\ell_2$ (D) O_2

(13) Aluminium Oxide is:-

(A) Acidic Oxide (B) Basic Oxide (C) Amphoteric Oxide (D) None of these

(14) _____ Catalyst is used in the Contact Process.

(A) Fe_2O_3 (B) V_2O_5 (C) SO_3 (D) Ag_2O

(15) ____ is the strongest acid.

(A) $HC\ell O$ (B) $HC\ell O_2$ (C) $HC\ell O_3$ (D) $HC\ell O_4$

(16) _____ is a typical transition element.

(A) Sc (B) Y (C) Ra (D) Co

(17) A double bond consists of:- (A) Two Sigma bond

(B) One Sigma and one pi bond (C) One Sigma and two pi bond (D) Two pi bonds

Paper Code Number: 4488

2017 (A) Roll No._____

INTERMEDIATE PART-II (12th CLASS)

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

TIME ALLOWED: 20 Minutes **OBJECTIVE** MAXIMUM MARKS: 17

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BOARD OF INTERMEDIATE AND SECONDARY EDUCATION, MULTAN

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

Name of Subject CHEMISTRY Session 2015-2017

Group: 1st

Q. Nos.	Paper Code 4481	Paper Code 4483	Paper Code 4485	Paper Code 4487
1.	B	D	C	D
2.	A	D	A	D
3.	C	D	C	C
4.	C	A	B	C
5.	D	B	B	A
6.	D	A	B	C
7.	C	C	D	B
8.	C	C	D	B
9.	A	D	D	B
10.	C	D	A	D
11.	B	C	B	D
12.	B	C	A	D
13.	B	A	C	A
14.	D	C	C	B
15.	D	B	D	A
16.	D	B	D	C
17.	A	B	C	C
18.				
19.				
20.				

Group: 2nd

Q. Nos.	Paper Code 4482	Paper Code 4484	Paper Code 4486	Paper Code 4488
1.	C	A	A	D
2.	A	D	D	D
3.	C	D	B	B
4.	B	B	A	A
5.	D	C	B	D
6.	D	A	A	B
7.	B	C	A	A
8.	A	B	D	B
9.	D	D	D	A
10.	B	D	B	A
11.	A	B	C	D
12.	B	A	A	D
13.	A	D	C	B
14.	A	B	B	C
15.	D	A	D	A
16.	D	B	D	C
17.	B	A	B	B
18.				
19.				
20.				

سرٹیفکیٹ بابت تصحیح سوالیہ پرچہ/مارکنگ Key

ہم نے مضمون کیمسٹری پرچہ II گروپ HSSC سیشن منہ سالانہ امتحانی امتحان 2017 کا سوالیہ پرچہ شائع شدہ معروضی (Subjective & Objevtive) کو بنظر عمیق چیک کرلیا ہے یہ پرچہ سلیبس کے عین مطابق Set کیا گیا ہے۔اس سوالیہ پرچہ میں کسی قسم کی کوئی غلطی نہ ہے۔ہم نے سوالیہ پرچہ کا اردو اور انگریزی Version بھی چیک کرلیا ہے یہ Version آپس میں مطابقت رکھتے ہیں اور سلیبس (Syllabus) کے مطابق بھی ہیں۔نیز اس پرچہ کی Key کی بابت بھی تصدیق کی جاتی ہے کہ یہ بھی درست بنائی گئی ہے۔اس میں بھی کسی قسم کی کوئی غلطی نہ ہے۔

مزید یہ کہ ہم نے Key بنانے سے متعلق دفتر کی جانب سے تیارہ کردہ ہدایات وصول کر کے ان کا بغور مطالعہ کرلیا ہے اور ان کی روشنی میں Key بنائی ہے۔

PREPARED & CHECKED BY

Sr.No	Name	Designation	Institution	Mobile No.	Signature.

ثانوی و اعلیٰ ثانوی تعلیمی بورڈ، ملتان

مورخہ: 23-5-17 مضمون: Chemistry پرچہ: XII گروپ: I

جنرل ہدایات برائے مارکنگ Key اوکلڈ سکیم اینیو سکیم (مارکنگ سکیم)

انٹرپارٹ فرسٹ/سیکنڈ سالانہ / ضمنی امتحان 2017ء

Sr #	Code	Error Indicated	Sr #	Code	Error Indicated
1.	UN	Un-Necessary	8.	SP	Spelling Error
2.	Ir	Irrelevant	9.	P	Punctuation
3.	IN	Incomplete	10.	Wo	Wrong word error
4.	EX	Extra	11.	Wt	Wrong Tense
5.	Rp	Re-Produced	12.	Wf	Wrong Form
6.	I	Insufficient	13.	OA	Over Attempt
7.	Gr	Grammar Error			

اہم نوٹ: ہر سوال "Full Award" سے کم نمبر لگانے کی صورت میں وجہ ضرور لکھیں۔

Q.No(2)

(i) Definition=01 , Example=01

(ii) correct reason = 02

(iii) Balance Equations 1+1

(iv) Two problems = 1+1

(v) Correct chemical formulae = 1+1

(vi) Correct Answer = 02

(vii) two chemical reaction = 1+1

viii Any two reactions = 1+1

(ix) Correct Reason = 02

(x) Definition = 01 two Examples = $\frac{1}{2}+\frac{1}{2}$

(xi) Correct Answer = 02

(xii) Correct Answer = 02

Q.No(3)

(i) Definition = 01 any two uses = $\frac{1}{2}+\frac{1}{2}$

(ii) Correct Answer = 02

(iii) Correct Reason = 02

(iv) two Definition = 1+1

(v) two Chemical Equations = 1+1

(vi) Definition = 01 Preparation = 01

(vii) two definitions = 1+1

(viii) Any two Objections = 1+1

(ix) Correct Answer = 02

1 2 3 4 5 6 7