UUBSTA.PK CHEMISTRY Alkyl Halides



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CHAPTER 10 A CONTROL OF THE ALKYL HALIDES

Halogen derivatives of alkanes are Called haloal Kanes. The monohaloal Kanes are Called alkyl halides e g CH3Cl (McHyl Chloride). CH BY (Ethyl bromide). Their general formula is R-X.

Types of Alkyl halides

There are three types of alkyl halides

(in Which halogen atom is bonded with Primary Carbon is called Primary alkyl halide

e.g CH3Cl , CH3-CH2-BY
Methyl Chloride Ethyl bromide

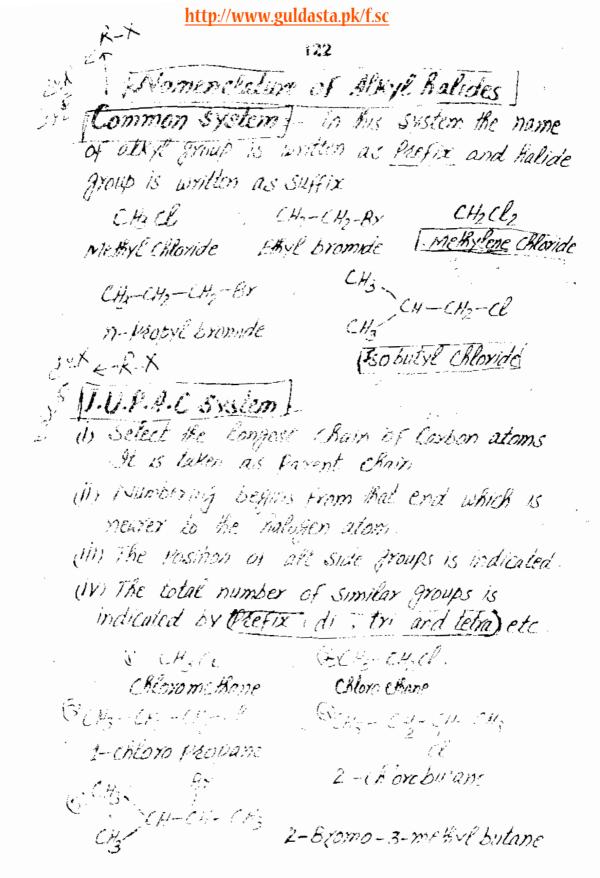
(ii) Secondary alkyl halide:- An alkyl halide in which halogen atom is bonded with Secondary Carbon is Called Secondary alkyl halide e g CH3-CH-cl

(iii) Tertiary alkyl Rolide:

An alkyl halide in which halogen atom is bonded with tertiary Carbon is Called tertiary alkyl halide e.g. CH3

CH3-C-Cl ter-butyl Chloride

CH3-C-Cl ter-butyl Chloride



CH3-GH-C1/2 GH 32-11/3 1 0/4 0/2- 1 0/3 2-Chloro-4 metry Rexanc 2,2-Dichlorobulane CH3 & CE CH-C-CH
CH3 2-Chloro-4-methy? Fertime Cl CH3 GO GH3 PO CH3 2-BYDYOD-3. Weding how by Stance Preparation of Alty? Rollides Alky haldes are freezed incom alcoholo (a) By reaction of accordes with Hacagen Acids An alcohol reacts with Adopte occur to five alkyl holiste. It lakes Place in Presence of ZnClo. P-011 + HX ZNC: => R-X + 110 SMOH , HER INGE - CHICK + K,O (b) By reaction of alwhol with thronyl Offende An alcohol reas is with honfl (Sould (Socle) to give alxyl chloride R-OH + Socla Praiding + R-OL + SO2 + Hel CHOH + SOCK2 Pyridine SHO + NO2 + Hel

This method is very useful because the gases by-Products (HCl + SO2) escape easily and Pure Product is left behind.

(C) By reaction of alcohols with Phosphorous Extractions of Phosphorous Pentahalide An alcohol reacts with Px3 or Px5 to give alkyl halides. e.?

Special method for Alkyl Iodide:

An alkyl iodide can not be directly Prepared. So reaction of any alkyl halide with NaI gives alkyl iodide

 $R-cl + NaI - \rightarrow R-I + Nacl$ $R-8y + NaI - \rightarrow R-I + NaBy$ $e.g CH cl + NaI - \rightarrow CH I + Nacl$ 25

Reactivity of Alkyl halides

The reactivity of an alkyl halide depends

upon two factors

in Bond energy of R-x

(ii) Polarity of R-X

As Bond Energy of R-x:- Alkyl Fluorides
have the Strongest bonds and alkyl indides
have the Weakest bonds. Therefore fluornCompounds are the least reactive and lodoCompounds are the most reactive. The order of
reactivity of alkyl halides is

R-I > R-By > R-Cl > R-F

air Polarity of R-x:- In halogens, Fluorine

has maximum electronegativity and Icdine has

minimum electronegativity. Greater the E-N

difference of Caybon and halogen atoms. Greater

will be the Polarity of bond. Greater Polarity

makes a bond more stronger. A compound with

stronger bond has less reactivity. Therefore

overall order of reactivity of alkyl halides is

R-I > R-By>R-Cl > R-F

Reactions of Alkyl halides

(1):- Reduction:- Alkyl habides show reduction with Nascent hydrogen

CH3-CH2-CL + 2[H] Lr/MCl > CH3-CH3+HCl

(2) WHYTE Reaction: - Alkyl halides yeart with

Sodium metal to give higher symmetrical alkano.

CH3-Cl+2Na+Cl-CH3 _ Ether > CH3-CH3+2NACE

CH3CH2Cl+2Na+Cl-CH2CH3 Ether > CH3CH2CH3+2MACE

(3) Reaction with Sodium Lead Alloy (Na, Pb)

4CH3Cl + Na4Pb -----> (CH3)4Pb + 4Nacl (Sodium lead alloy) Tetramethyl lead

4 CHCl + NayPb ---> (C2H5),Pb +4Nacl Tetraethyllead.

Tetraethyl lead is used as anti-Knock in gasoline (Petrol)

(4) NucleoPhilic Substitution Reactions

The reaction in which one nucleophile replaces another nucleophile from a Compound is Called nucleophilic Substitution reaction or Six reactions

 $Nu + R - X \longrightarrow Nu - R + X$

 $CH_3 - CH_2 - B_Y^S + OH \longrightarrow CH_3 CH_2 OH + B_Y$ $CH_3 CH_3 B_Y + CN \longrightarrow CH_3 CH_2 CN + B_Y$

CH3CH2BY + CH3O ---> CH3CH2-0-CH3 + BT CH3CH2BY + SH ---> CH3CH2SH + BT

Ethyl thicalcohol

Mucleophile: A Chemical Specie rich in elections and donates election pair for the formation of new Covalent bond is called nucleophile. E. G. OH. CN. SH. NH3 etc.

The word nucleophile means "nucleous loving. It may be negatively charged or neutral specie deficit in electrons and accepts pair of electrons for the formation of new Covalent bond is called electrophile e.g. CH3-87 - Alcl3 etc. An electrophile may be neutral or pasitively charged. The word electrophile means "electrophile means" electrophile means "electrophile means" electrophile means "electrophile means".

Substrate molecule: An alkyl halide molecule on which a nucleophile attacks is called Substrate molecule.

Leaving Groups- A weak nucleoffile which leaves (departs) from alkyl halode when a strong nucleoffile attacks on at is called leaving group. e & Strong nucleoffile attacks on at is called leaving group. e & Strong nucleoffile attacks on at is called a leaving group. e & Strong nucleoffile attacks on at is called leaving group. e & Strong nucleoffile which a contract the strong nucleoffile which a strong nucleoffile attacks on at is called leaving group.

Mechanism of Nucleophilic Substitution
Reactions

There are two types (mechanisms) which for nucleofhilic substitution reactions; (is Nucleofhilic Substitution Unimolecular (S, 2) (ii) Nucleofhilic Substitution Unimolecular (S, 1)

Nucleophilic Substitution Bimolecular OR SN2 Yeachon

(i) The SN-Yeachon in which breaking and formation of bonds take Place, simultaneously (at a time) is Called SN2 Yeachon. It is a single step reaction In other words the extent of bond formation is equal to the extent of bond breakage. e.g.

$$\overline{OH} + H - C + \frac{5}{8} = \frac{5}{8} = \frac{5}{8} = \frac{1}{4} = \frac{1}{10} = \frac{1}{10}$$

(ii) In SN2 reaction the direction of attacking nucleophile is opposite to that of leaving group.

(iii) In SN2 reaction the configuration of alkyl Ralide

is 100% invested (150 bill)

(iv) In SN2 reaction there is only slow step. It is

Called rate determining step. Because two

molecules take part in slow step. So it is called

bimolecular reaction. It is the reason that mechanism

is known as SN2.

(V) Rate of SN2 yearhon depends upon both the concentration of alxyl halide and attacking

nucleophile.

Rate = K[Alkyl halide][Nucleophile]

(vi) In SN2 reaction the molecularity and

excless of Recording

(VII) In SM2 reaction Carbocation (Carboniumion) is not formed.

(VIII) Primary alkyl halides show SN2 reaction. (ix) A secondary alkyl halide shows SN2 reaction in non-Polar Solvent.

Nucleophilic Substitution Unimolecular (SN 1 reaction

(2) The SN-reaction in Which breaking and formation of bonds do not take Place at a time is Called SN1 reaction. It is a two steps reaction In other words the extent of bond formation is not equal to the extent of bund breakage.

$$CH_{3} - C - Cl \xrightarrow{Slow} CH_{3} + Cl$$

$$CH_{3} + Cl$$

$$CH_{3} + CH_{3}$$

$$CH_{3} + CH_{3}$$

$$CH_{3} + CH_{3} + CH_{3} + CH_{3} + CH_{3}$$

$$CH_{3} + CH_{3} + CH_{3} + CH_{3} + CH_{3}$$

$$CH_{3} + CH_{3} + CH_{3} + CH_{3}$$

CH3
$$CH_3$$
 CH_3 CH_3 CH_3 CH_3 CH_3 CH_3 CH_3

(n) In SN1 reaction the attacking nucleophile Can attack from both direction easily

(iii) In SN 1-reaction the Configuration of alxyl halide is 50% invested (Up (1))

(iv) In Sw1 reaction first step is slow and

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Reversible and Second step is fast.

Because only one molecule take Part in Slow step So it is Called Unimolecular reaction. It is the reason that mechanism is known as SN1

(V) Rate of SN1 reaction depends upon the Concentration of alkyl halide only, Rate = K[Alkyl halide]

(VI) In SN1 reaction the molecularity and order of reaction is one

(VII) In SN 1 reaction the Carbocation (Carboniumion)
18 essentially formed

(VIII) A tertiary alkyl halide Show SN 1- Yeachon
(IX) A secondary alkyl halide Show SN 1 reachon
in a Polar Solvent

B- Elimination Reactions

The reactions in Which two atoms or groups remove from two adjacent Carbons of a molecule with the formation of new double bond are Called B-elimination reactions or simply elimination reactions.

OH + CH3 - CH2BY ---> CH2= CH2+ H2O + BY
In Such reactions a nucleofhile (base) removes

2 Postor from B- Carbon. The halogen atom is
Yemoved From &- Carbon. A double bond is
formed between two carbon atoms.

The elimination reactions are of two types.

(i) E2 - reactions (ii) E1 - reactions

E2- Reactions

(i) In E2-reaction the attack of nucleoffile (base) and removal of leaving froup take Place at a time. It is a single step reaction.

(ii) In E2-reaction there is only slow step. Because two molecules take Part in Slow step. So it is Called bimolecular reaction.

 $\overline{B} + H - C - C - BY \xrightarrow{Slow} CH = CH_2 + HB + BY$

(iii) Rate of E2-reaction depends upon both the Concentration of alkyl halide and base.

Rate = K[Alxyl halide][Base]

(iV) In E2-reaction the molecularity and order of reaction is two.

(V) In E2-reaction Carbocation (Carbonium ion) is not formed

(Vi) Primary alxyl halides generally show E2-reaction

(VIII) A Secondary alkyl halide can Show E2reaction in non-Polar Solvent E1 - Reactions

(i) In Eq-YEACHEN attack of base and removal of leaving group donot take place at a time. It is a two steps reaction.

(ii) In E2-Yearhon the first step is slow and Second step is fact. Because only one molecule takes part in slow step. So it is Called uni-molecular reaction.

(iii) Rate of E, -reaction depends only upon Concentration of alkyl halide.

Rate = K[Alkyl Ralide] co substrate

(iv) The molecularity and order of Ei-reaction

(V) In E, - reaction the Curbocation is essentially

(Vi) Textiary alxyl halides generally show E, reactions. A sec alkyl halide can show Police Solventes.

Grignard's Reagent (R-Mg-x)

When alkyl halide reacts with Magnesium in Presence of eker, then alkyl magnesium habide is formed. It is called Griannied reagent. Grignard reagent was first prepared by Victor Grignard in 1900 and was awarded nobel

RX + Mg Ether > R MgX $\begin{array}{c} CH_3I + Mg \xrightarrow{EHEY} > CH_3-Mg-I \\ CH_BY + Mg \xrightarrow{EHEY} > CH_-Mg-BY \end{array}$

Grignard reagent is an organo-metalliculty Compound. The reactivity of alkyl halide with magnesium is in the order

RI> RBY> RCl and $CH_3X > C_5H_5X > C_5H_7X$

Structure and Reactivity

Grignard reagents are very reactive organic Compound. It is due to their Polar nature. Magnesium is more electropositive than Carbon. Thus Mg has Partial Positive Charge and Carbon has partial negative Charge. $\frac{8}{R} = \frac{8}{N} = \frac{8}{N} = \frac{8}{N}$ Therefore Grignard reagents are very reactive

(Vin With acetaldehyde (CH3CHO)

(Viii) With Acetone (CH3 CO CH3)

$$CH_3 - CH_2 - Mg - Br + CH_3 = 6 + 6 + 6 + CH_3 - CH_2 - C - 0 Mg Br$$

$$CH_3 - CH_2 - Mg - Br + CH_3 - CH_2 - C - 0 Mg Br$$

$$CH_3 - CH_2 - Mg - Br + CH_3 - CH_3 -$$

$$CH_{3}-CH_{2}-Mg-8r+2c=0 \xrightarrow{CH_{3}} CH_{3}-CH_{2}-c-0 \xrightarrow{CH_{3}} GR$$

$$CH_{3}-CH_{2}-C-0 \xrightarrow{MgBr} FR$$

$$CH_{3}-CH_{2}-C-0 \xrightarrow{MgBr} FR$$

$$CH_{3}-CH_{2}-C-0 \xrightarrow{MgBr} FR$$

$$CH_{3}-CH_{2}-C-0 \xrightarrow{CH_{3}} GR$$

$$CH_{3}-CH_{3}-CH_{3}-CH_{3}-CH_{3}$$

ix) With Epoxide:-



EXERCISE

Q1. Fill in the Blanks.

- In tertiary alkyl halides the halogen atom is attached to a carbon. which is further attached to ______ carbon atoms directly. (ii) The best method for the preparation of alkyl halides is the reaction of _____ with inorganic reagents. (iii) An alkyl group with a partial positive charge on the carbon atom is called _____centre. if it involves one molecule (iv) The mechanism is called in the rate-determining step. (v) Molecularity of reaction is defined as the number of molecules taking part in the (vi) The Molecularity of E2 reactions is always two and the reactions show _____ order kinetics. (vii) Wurtz synthesis is useful for the preparation of _____alkanes. Grignard reagents are prepared by the reaction of magnesium metal with alkyl halides in the presence of _____ Answer:- (i) three (ii) alcohol (iii) electro philic(iv) uni molecular (v) rate determining step(vi) second (vii) higher (viii) dry-ether Q2. Indicate True or False In secondary alkyl halides, the halogen atom is attached to a carbon which is further attached to two carbon atoms directly. (ii) Alcohol's react with thionyl chloride in other as solvent to give alkyl halides. (iii) Order of reactivity of alkyl halides for a particular alkyl group is: Iodide > Bromide > Chloride > Fluoride (iv) In S_N2 reactions the attacking nucleophile always attacks from the side in which the leaving groups is attached.
- (v) Methyl magnesium iodide on hydrolysis yields ethyl alcohol.
- (vi) Primary, secondary and tertiary amines react with Grignard reagents in the same way.
- (vii) The reactions of secondary alkyl halides may follow both S_N1 and S_N2 mechanisms.
- (viii) S_N1 mechanism is a one stage process involving a simultaneous bond breakage and bond formation.
- (ix) In β-elimination reactions, the two atoms or groups attached to two adjacent carbon atoms are lost under the influence of an electrophile.
- (x) The reactivity order of alkyl halides is determined by the strength of carbon halogen bond.
- Answer:-(i) true (ii) false(iii) true (iv) false (v) false (vi) false(vii) true (viii) false (ix) false (x) true

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Q3.	Mul	tiple Cho	ice C	\uesi	tions	. En	oirale	e the	con	rect answer.	
(i)		rimary alky th is furtho Two	er atta	iched		ow m	any c	arbo	n ato	hed to a carbon ms. Four	
(ii)	The reactivity order of alkyl halides for a particular alkyl group (a) Fluoride > Chloride > Bromide > Iodide (b) Chloride > Bromide > Fluoride > Iodide (c) Iodide > Bromide > Chloride > Fluoride										
	(d) Bromide > Iodide > Chloride > Fluoride										
/iiii	When CO ₂ is made to react with ethyl magnesium iodide, followed										
(m)	by acid hydrolysis, the product formed is.										
	(a) Propane (b) Propanoic acid (c) Propanal (d) Propanol										
(iv)	Gringnard regent is reactive due to.										
(a)	The presence of halogen atom (b) The presence of Mg atom										
(c)	The polarity of C - Mg bond (d) None of the above										
(v)	S _N 2 reactions can be best carried out with.										
		Primary a				(b)					
	(c) Tertiary alkyl halides (d) All the three										
(vi)										4. 12. 42.	
										rder kinetics	
(vii)	(c) Third order kinetics (d) Zero order kinetics vii) For which mechanisms, the first step involved is the same.										
(****/		E1 and E		311134		31 31	•		nd S		
	• •									•	
(viii)	(c)			COME	idara	d to 1			nd Si	√1 • compounds	
(****)							JC VG	y ite	ICTIVE	compounds	
	towards nucleophiles, because. (a) They have an electrophilic carbon.										
	(b)								goo	d leaving group.	
	(c)									leaving group.	
	(d)	(d) They have a nucleophilic carbon and a good leaving group.									
(ix)	The	rate of E ₁			•	,					
	(a) The concentration of substrate.										
	(b) The concentration of nucleophile.										
		(c) The concentration of substrate as well as nucleophile									
(x)	(d) None of the above .x) Which one of the following is not a nucleophile.										
(^)	(a)	H ₂ O		H ₂ S	_		BF ₃		(d)	NH ₃	
	•	_	• '			(0)	DL3		(u)	імп3	
Ans	wer	:-(i)c	(ii)	С	(iii)		(iv)		(v)	a	
		(vi) b	(Vii)	d	(viii)	b	(IX)	a	(x)	С	
04	Dofi	no alkyl iv	alida	M/bio	h ic t	ha ha	ot 13	athar		onarina	

Q4. Define alkyl halide. Which is the best method o preparing alkyl halides?

Answer:- see page No. 121, 23

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Q5. Write down a method for the preparation of ethyl magnesium bromide in the laboratory?

Answer:- see page No. <u>733</u>

Q6. Give IUPAC names to the following compounds.

(i)
$$CH_3 - CH(CH_3) - CH_2 - CH - CH_3$$

CI

(ii)
$$C_2H_5 - CH - CH - C_2H_5$$

CH₃ Br

C

(CH₃)₂CHBr (v)

(vi)
$$(CH_3)_2CH - CH_2 - CH(C_2H_5)CH_2CI$$
 (vii) CBr_4
Br Br

(ix) CH₂Cl₂

(XPI) (CH₃CH₂)₃CBr

3-Bromo-4 methyl Rexane



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Q7. Draw all possible structures that have the molecular formula C₆H₁₃Cl. Classify each as primary, secondary or tertiary chloride. Give their names according to IUPAC system.

<u> С.Н.З</u>
(XII) CH3-CH-CH3 2-CHOON 3-3 dimethol Endone (XIII) CH3-CH-CH3 (S.Z. Z.Z.Z.Z.Z.Z.Z.Z.Z.Z.Z.Z.Z.Z.Z.Z.Z.Z
(XII) Cla -Cha-Cha-Cha-Chan E-theocorport Widow
(XIV) CH3-CH2-C-CH2-CH3 3-Chlero 3 method fentane
Go de Certianio
(XV) CH3-CH- C-CH3, 2-Chloro, 23 dimethyl butane CH3 CH3 (Tertiary)
Q8. Using ethyl bromide as a starting material now would your prepare the following compounds. Give also the inorganic reagents and conditions necessary to carry out these reactions: (a) n-Butane (c) Ethyl alconol (c) Fifth eventual (d) Fithaux (e) Fithers (e) Propassing and (g) Propase
Answer,
(a) 2 CH3 - CH3 BY + 2180 > CH3 - CH3 - CH3 - CH3 + 218087 (Y-60 t) yes
(b) C45-C4284+ KO4-2 -> 31-19-1-45-1-45-1-45-1-45-1-45-1-45-1-45-
(C) CH 8x+ KCN> CH CN + Ker 25 (Ellifornia)
(d) CHBY + MH) - 100 5 CH + MAN
(e) CH-CH2Bx+MCH-200-> CH2-CH2 + 60+ HAC CTEME (f) CH2-CH2-Bx+Mg-> CH3-Cy-19480 0
CHARLY MARY AD TO THE OWNER OF THE COMPARA

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Su ou "-too was Hele su
CH3-CH2-C-OMYBY +H20 - CH3-CH2-C-OH +MIG OH
CH3-CH2-C-OM98x+H20> CH3-CH2-C-OH+M9 OH Propanoic acid 19) CH3 CH28x + CH3M98x> CH3-CH2-CH3+M98x2 Propane
Propane
Q9. Write a detailed note on the mechanism of nucleophilic substitution reactions.
Answer:- see page No. <u>128./29</u>
Q10. What do you understand by the term β -elimination reaction. Explain briefly the two possible mechanisms of β -elimination reactions.
Answer:- see page No. 130.131.132
Q11. What products are formed when the following compounds are treated with ethylmagnesium bromide, followed by hydrolysis in the presence of an acid.
(i) HCHO (ii) CH ₃ CHO (iii) CO ₂
(iv) $(CH_3)_2CO(v)$ $CH_3 - CH_2 - CHO$ (vi) CICN CH3
Answer:- see page No 134 , 135 0
(V) CH3-CH2-M98x + CH3-CH2-C-H->CH3(H2-C-OM98x)
CHO WILL ST
CH3-CH2-CH-OM98x+H20-HCL > CH3-CH2-CH-OH+MBON
CH2
Q12. How will carry out the following conversions. (i) CH ₄
(i) CH_4 ———— CH_3CH_2COOH (ii) $CH_3 - CH_3$ ——— $(CH_3 - CH_2)_4$ N Br (3-Pentanol)
(iii) CH ₂ = CH ₂ CH ₃ - CH ₂ - CH ₂ - CH ₂ - OH
(iv) CH ₃ CH ₂ CH ₂ CI CH ₃ - CH = CH ₂
(v) CH3COOH → CH3CH2COOH
Answer:- (1) CH4 + Cl2 RD > CH3CE + HCE
2CH3Cl +2Na> CH3-CH3 +2Macl
2 Cliger 4 21th Roll of the control was
CH3-CH3+Cl2-RD CH3-CH2Cl+HCl
CH3-CH2Cl+Mg FINEY CH3-CH2-MgCl
CH3-CH2 Mg cl +0=C=O-> CH3-CH-"

CH3-CH2-C-OMGCl + H20-HCl > CH3 CH2 COOH + Mg CH (Propanoic acid). (ii) CH3-CH3 + BY2 RD > CH3CH2BY + 48Y CH BY + NH3 -> CH NH2 + HBY CH BY + CHNH2 -> CH-NH + H8Y Ekylamine 24 (Diethylamine) CH BY + (CH), NH - -> (CH), N + HBY CHBY+(CH),N->(CH),NB7 Triethyl amine Quaterralyetyk Ammonium (111) CH2=(H2+HCl-> CH3-CH3CE 2CH3CH3Cl + 2Na-> CH3CH2CH3 +2Nacl CH3-CH2-CH3+(l2 - 8) > CH3-CH2-CH-CHCl+HCl CH3CH2CH2CH2Cl+KOH A? > CH3CH2CH2CH2OH+KCl (IV) CH3-CH2-CH2Cl+KOH Alc > CH3-CH=CH2+KCl+H2O (V) CH3COOH + NAOH -> CH3COONA + H2O 2 CH3 COONA + 2H20 Electric > CH3-CH3+2CO2+2NAOH+H2 CH3-CH3+ Cl2 Sunlight > CH3-CHOCL+ HCl CH3-CH2-Cl+Mg---> CH3-CH2 MgCl CH3 CH2MgCl + CO2 + H2O HCl > CH3 CH2 COOH + Mg OH

(Propanoic acid)

السلام عليكم ورحمته الله وبركاته

مخقب تعبادني

کافی عرصہ سے خواہش تھی کہ ایک ایسی ویب سائٹ بناؤں جس پر طالب العلموں کیلئے تعلیمی مواد جمع کر سکوں۔ اللہ تعالی نے توفیق دی اور میں نے ایک سال کی محت کے بعد ایک سائٹ "گلدستہ ڈاٹ پی کے "کے نام سے بنائی جو کہ قرآن و حدیث، اصلاحی، دلچسپ، تاریخی قصے واقعات، اُردو انگاش تحریریں، شاعری و اقوال زریں، F.Sc اور B.Sc کے مضامین کے آن لائن نوٹس، اسلاک، تفریحی، معلوماتی وال پیپرز، حمد و نعت، فرقہ واریت سے پاک اسلامی بیانات، پنجابی تظمیس و ترانے اور کمپیوٹر و انٹرنیٹ کی و نیا کے بارے میں ٹمپس، آن لائن کمائی کرنے کے مستند طریقہ کار۔ کے ساتھ ساتھ اور بھی بہت سی چیزوں پر مشمل ہے۔ اور انشاء اللہ میں مزید وقت کے ساتھ ساتھ اور بھی بہت سی چیزوں پر مشمل ہے۔ اور انشاء اللہ میں مزید وقت کے ساتھ ساتھ اضافہ کرتا جاؤں گا۔ آپ کی قیمتی رائے کی ضرورت ہے۔ عرفان شفیق ساتھ ساتھ اضافہ کرتا جاؤں گا۔ آپ کی قیمتی رائے کی ضرورت ہے۔ عرفان شفیق

اہم نوط

ذیل میں جو نوٹس مہیا کیے گئے ہیں وہ کئی گھنٹوں کی لگاتار محنت کے مرتب ہوئے ہیں۔ اور آپ کو بالکل مفت مہیا کر رہے کیے جارہے ہیں۔ ان کی قیمت صرف اتن سی متوقع ہے کہ ایک بار ہیں۔ آپ سے ان کی قیمت صرف اتن سی متوقع ہے کہ ایک بار ورود ابراھیمی اپنی زبان سے ادا کر دیں۔

يئمني لأكمال يتحمل لتصحيف <u> اللهُ يَّصَلِّعُ إِلَّهُ مُحَمَّلًا مُحَمَّلًا اللهُ يَحَمَّلُهُ اللهِ مَعَلَمًا لِل</u> وَتَكُولُونَ الْمُعُكِمُ لَا يُعْلَمُ لَيْنَاصُلُنْتَ عَلِي إِبْرَاهِمْ وَعَهِلِ اللهِ إِبْرَاهِمُ مَ انَّكَ *جَمَّنْ*كُ هُجَنْكُ هُ ٲڵڵڮؙڂؾؠٙڽٳۯػ^ۼڸٳؽ۫ۼؙڲؠۜڒٷۜۼڵؚؖؽ النجائك بالأثاكات عالى ابراهمي وعكاني ال إبراهمي اِنَّاكَ حَمَٰكُ أَجْجَيُكُهُ