

MDCAT Chemistry Chapter 16 Alcohols and Phenols Online Test

| Sr | Questions | Answers Choice |
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| 1 | The carbon atom of an alkyl group attached with halogen atom is called | A. Electrophile B. Free radical C. Nucleophile D. Nucleophilic centre |
| 2 | The average bond energy of C-Br is | A. 228 kJmol ⁻¹ B. 250 kJmol ⁻¹ C. 200 kJmol ⁻¹ D. 290 kJmol ⁻¹ |
| 3 | For which mechanisms, the first step involved is the same | A. E1 and E2 B. E2 and SN2 C. E2 and E1 D. E1 and SN1 |
| 4 | The rate of E1 reaction depends upon | A. The concentration of substrate B. The concentration of substrate as well as nucleophile C. The concentration Nucleophilic D. Nature of Catalyst |
| 5 | Alkyl halides are considered to be very reactive compounds towards nucleophiles, because | A. They have an electrophilic carbon B. They have an electrophilic carbon and a bad leaving group C. They have an electrophilic carbon and a good leaving group D. They have a nucleophilic carbon and a good leaving group |
| 6 | SN2-reactions can be usually observed in | A. Primary alkyl halide B. secondary alkyl halide C. Tertiary alkyl halide D. Both A. and B |
| 7 | The S _I mechanism for the hydrolysis of an alkyl halide to an alcohol involves the formation of | A. Carbocation B. Carbanion C. Pentavalent carbon in the transition state D. Free radical |
| 8 | An amine is produced in the following reaction $\text{C}_2\text{H}_5\text{I} + 2\text{NH}_3 \longrightarrow \text{C}_2\text{H}_5\text{NH}_2 + \text{NH}_4\text{I}$. What is mechanism? | A. Electrophilic addition B. Electrophilic substitution C. Nucleophilic addition D. Nucleophilic substitution |
| 9 | Which is a good nucleophile as well as a good leaving group? | A. F- B. Cl- C. Br- D. I- |
| 10 | Chloroform (CHCl ₃) is? | A. Primary alkyl halide B. Secondary alkyl halide C. Tertiary alkyl halide D. a liquid |
| 11 | Which of the following decides the reactivity of alkyl halides? | A. C-C bond strength B. C-H bond strength C. C-X bond strength D. Electronegativity difference |
| 12 | In the transition state of S ₂ mechanism reaction with alkyl halides, which of the following orbital hybridization is involved | A. sp ³ B. sp C. sp ² D. dsp ³ |
| 13 | Which of the following factors does not affect the SN ₁ rate is | A. Nucleophilicity of the attacking nucleophile B. Stability of the carbonium ion C. Solvent system D. The nature of leaving group |
| 14 | Which one of the following is not associated with SN ₂ mechanism | A. 100 % inversion of configuration B. Tertiary alkyl halides C. 2nd order kinetics D. Strong nucleophile |

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| | | <p>D. Change of hybridization from sp^3 to sp^2 in transition state</p> |
| 15 | Which isomer of C_4H_9Br will produce 2-methyl propane-2-ol on treatment with aqueous KOH | <p>A. n-butyl bromide B. Sec-butyl bromide C. Isobutyl halide D. Tertiary butyl chloride</p> |
| 16 | Which of the following is primary alkyl halide | <p>A. Isopropyl halide B. Sec-butyl halide C. Tert-butyl halide D. Neo-pentyl halide</p> |
| 17 | Elimination unimolecular reactions involve | <p>A. Second order kinetics B. First order kinetics C. Third order kinetics D. Zero order kinetics</p> |
| 18 | Out of monochloro, monobromo and moniodo derivatives of ethane, the most reactive compound towards nucleophilic substitution will be | <p>A. C_2H_5Br B. C_2H_5Cl C. C_2H_5I D. All are equally reactive</p> |
| 19 | An alkyl halide reacts with NH_3 to give | <p>A. Amide B. Cyanide C. Amine D. Aniline</p> |
| 20 | The reaction $C_2H_5Cl + \text{aqueous KOH} \rightarrow C_2H_5OH + KCl$ is | <p>A. Electrophilic addition B. Nucleophilic addition C. Electrophilic substitution D. Nucleophilic substitution</p> |
| 21 | Correct statement about Nucleophilic substitution bimolecular is | <p>A. Transition state is formed B. Inversion takes place C. It is a two-step reaction D. Both a & c</p> |
| 22 | Correct order for the reactivity of alkyl halide in S_N2 reactions | <p>A. $R-I > R-F > R-Cl$ B. $R-F > R-Cl > R-I$ C. $R-I > R-Cl > R-F$ D. $R-Cl > R-I > R-F$</p> |
| 23 | When a purely alcoholic solution of sodium/potassium hydroxide and halogenoalkanes are reacted an alkene is formed, what is the mechanism of reaction? | <p>A. Elimination B. Dehalogenation C. Dehydration D. Reduction</p> |
| 24 | The alkaline hydrolysis of bromoethane shown below gives alcohol as the product: $H_3C-CH_2-Br \rightarrow H_3C-CH_2-OH$ The reagent and the condition used in this reaction may be: | <p>A. H_2O at room temperature B. KOH in alcohol C. Ethanol, heat D. Dilute $NaOH(aq)$ warm</p> |
| 25 | The order of reactivity of alkyl halides towards nucleophile is | <p>A. $RI > RBr > RCl$ B. $RF > RCl > RBr > RI$ C. $RI > RBr > RCl > RE$ D. $RF > RBr > RCl > RI$</p> |
| 26 | Which one of the following is NOT a nucleophile | <p>A. NH_2^+ B. BF_3 C. H_2O D. CH_3^-</p> |
| 27 | Which is an intermediate in S_N1 | <p>A. Ethoxide ion B. Alkene C. Alkyl halide D. Carbocation</p> |
| 28 | Among the following, which one is nucleophilic | <p>A. H^+ B. Ca^{2+} C. OH^- D. Na^+</p> |
| 29 | The species which are produced by heterolytic bond breaking and can act as electron pair donor | <p>A. Free radicals B. Cations C. Nucleophiles D. Electrophile</p> |
| 30 | In elimination reaction i.e., in the formation of alkene, the reactivity of alkyl halide is in the order: | <p>A. $Cl > Br > I$ B. $I > Br > Cl$ C. $Br > Cl > I$ D. $I > Cl > Br$</p> |
| 31 | A mixture of 1-chloropropane and 2-chloropropane when treated with alcoholic KOH, gives | <p>A. Prop-2-ene B. Isopropylene C. Propene D. A mixture of prop-1-ene</p> |

A. Methyl chloride

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| 32 | Which of the following alkyl halides undergoes SN1 reaction fastest | A. Methyl chloride B. Isobutyl chloride C. Ethyl chloride D. Tertiary butyl chloride |
| 33 | When 2-bromobutane reacts with alcoholic KOH, the reaction is called | A. Chlorination B. Halogenation C. Dehydrohalogenation D. Hydrogenation |
| 34 | Which compound is obtained by the elimination reaction on bromoethane? | A. Butene B. Ethene C. Propene D. Propane |
| 35 | In nucleophilic substitution bimolecular reaction the order of reaction with respect to substrate | A. 2 order B. 3 order C. 1st order D. Zero order |
| 36 | Which one among the following is not a good leaving group | A. HSO ₄ ⁻ B. Cl ⁻ C. OH ⁻ D. Br ⁻ |
| 37 | Which of the following reactants will be required to form ethene from ethyl chloride | A. Alcoholic KOH B. Alkaline KMnO ₄ C. Aqueous KOH D. Aqueous NaOH |
| 38 | Dehydrohalogenation of secondary butyl bromide will give | A. Propene B. 1-Butene C. Butene D. 2-Butene |
| 39 | In an elimination reaction a more substituted alkene is formed due to the stability associated with | A. Free radical B. transition state C. Activated complex D. Carbocation |
| 40 | Which pair gives same dehydrohalogenation product | A. 1-Chlorobutane, 2-Chlorobutane B. 1-Chloropropane, 2-Chloropropane C. 1-Bromopentane, 3-Bromopentane D. iso-butyl chloride, 2°-butyl chloride |
| 41 | The reagent for alkaline hydrolysis of ethyl bromide to form ethyl alcohol is | A. water at room T B. Alcoholic KOH + heat C. Ethanol + heat D. dil. NaOH + heat |
| 42 | Which is an intermediate in SN1 reaction | A. Ethoxide ion B. Carbocation C. alkyl halide D. alkene |
| 43 | In beta elimination reaction | A. carbon number changes B. unsaturated compound is formed C. hybridization of C remains same D. pi bonds are decreased |
| 44 | Reaction of ethyl bromide with ammonia | A. Completes in a single step B. Completes in two steps C. Continues till N is left with no lone pair D. is reversible |
| 45 | To prepare ethane by Wurtz synthesis the suitable alkyl halide is | A. Ethyl iodide B. any alkyl iodide C. Ethyl chloride D. Methyl bromide |
| 46 | Which of the following reactions does not involve formation of carbocation? | A. SN1 and E1 B. E1 and E2 C. SN1 and SN2 D. E2 and SN2 |
| 47 | Which of the following undergoes easy dehydration? | A. 3-Methylbutan-2-ol B. Ethanol C. 2-Methylpropan-2-ol D. Methanol |
| 48 | 2,4,6-Trinitrophenol is commonly called as | A. Phthalic acid B. Tartaric acid C. Malonic acid D. Picric acid |

A. Ketones

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| 49 | Tertiary alcohols produce with acidified KMnO_4 , | B. Aldehydes C. Malonic acid D. Alkene |
| 50 | Ethyl alcohol reacts with PCl_5 and produces: | A. Haloalkane B. Alkyl halide & H_3PO_3 , C. Alkyl halide & POCl_3 D. Alkyl halides & H_3PO_4 . |
| 51 | A compound 'z' decolorizes bromine water and produces white ppt. The compound 'z' is | A. Alkane B. Alcohol C. Phenol D. Benzene |
| 52 | Which alcohol is most reactive towards sodium metal? | A. Ter Butyl alcohol B. n-Propyl alcohol C. Isopropyl alcohol D. Have same reactivity |
| 53 | Which is most acidic? | A. H_2O B. $\text{C}_2\text{H}_5\text{OH}$ C. $\text{C}_4\text{H}_9\text{OH}$ D. $\text{CH}_3\text{-CH}_2\text{-CH}_2\text{OH}$ |
| 54 | Alcohols of low molecular weight are: | A. Soluble in water B. Insoluble in water C. Soluble in water on heating D. Insoluble in all solvents |
| 55 | Which of the following is more reactive where O-H bonds break | A. P° alcohol B. T° alcohol C. S° alcohol D. Cannot be predicted |
| 56 | Ethanol reacts with sodium metal to liberate | A. CO_2 gas B. CO gas C. H_2 gas D. Steam |
| 57 | The starting substance for the preparation of iodoform is any of the following, except | A. $\text{CH}_3\text{CH}(\text{OH})\text{CH}_3$ B. $\text{CH}_3\text{CH}_2\text{OH}$ C. CH_3CHO D. CH_3COCH_3 |
| 58 | Which of the following alcohols is least reactive with respect to O-H bond | A. CH_3OH B. $\text{CH}_3\text{-CH}_2\text{-OH}$ C. $(\text{CH}_3)_2\text{-CH-OH}$ D. $(\text{CH}_3)_3\text{COH}$ |
| 59 | Which of the substance is not going to react the sodium metal: | A. Acetic acid B. Methanol C. Di methyl ether D. Ethanol |
| 60 | Phenol can be distinguished from ethyl alcohol by all of the following reagents except | A. Iodoform test B. Na C. $\text{Br}_2 / \text{H}_2\text{O}$ D. NaOH |
| 61 | Phenol is colourless, crystalline and solid | A. Hygroscopic B. Deliquescent C. Moistening D. Odourless |
| 62 | Phenol is completely soluble in water above | A. 25°C B. 62.3°C C. 68.5°C D. 66.50°C |
| 63 | Which of the following alcohol is more soluble in H_2O | A. Propanol B. Butanol C. Pentanol D. Hexanol |
| 64 | Temperature required for the dehydration of ethanol into ethene in the presence of H_2SO_4 is | A. 130°C B. 170°C C. 175°C D. 180°C |
| 65 | Which one of the following is more acidic | A. Phenol B. Carboxylic acid C. Alcohols D. Amines |
| 66 | Which of the following is soluble in water? | A. CH_3OH B. CCl_4 C. CHCl_3 D. CS_2 |

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| 67 | In ethyl alcohol, the bond that undergoes heterolytic cleavage most readily is | A. C-C B. C-O C. C-H D. O-H |
| 68 | Relative acidic strength of alcohol, phenol, water and carboxylic acid is | A. Carboxylic acid > Alcohol > Phenol > Water B. Carboxylic acid > Phenol > Water > Alcohol C. Water > Alcohol > Phenol > Carboxylic acid D. Phenol > Carboxylic acid > Alcohol > Water |
| 69 | The dehydration of ethyl alcohol with concentrated H ₂ SO ₄ at 140°C gives | A. Ethene B. Alcohol C. Diethyl ether D. Carboxylic acid |
| 70 | Primary, secondary and tertiary alcohols can be identified and distinguished by | A. Lucas test B. Iodoform test C. Baeyer's test D. Silver mirror test |
| 71 | Which one of the following alcohol is indicated by formation of yellow crystals in Iodoform test? | A. Methanol B. Ethanol C. Butanol D. Propanol |
| 72 | Which one of the following groups is indicated when HCl is formed by reaction of ethanol with phosphorous pentachloride? | A. Amino group B. Halide group C. Hydroxyl group D. Hydride group |
| 73 | Which one of the following is an appropriate indication of positive iodoform test? | A. Formation of H ₂ O B. Brick red precipitate C. Release of H ₂ gas D. Yellow precipitate |
| 74 | Reaction of alcohol with hydrogen chloride, in the presence of Zinc chloride yields | A. Ketone B. Carboxylic C. Alkyl halide D. Ester |
| 75 | The acidity of phenol is due to its | A. Nature of Benzene B. Double bond in benzene ring C. Nature of phenoxide ion D. Hydroxyl group |
| 76 | During esterification, the alcohol molecule acts as: | A. Oxidizing agent B. Electrophile C. Reducing agent D. Nucleophile |
| 77 | One of the following can produce greater number of moles of ethyl chloride on reacting with excess of ethanol | A. PCl ₅ B. PCl ₃ C. HCl/ZnCl ₂ D. SOCl ₂ |
| 78 | The strongest conjugate base is | A. OH ⁻ B. CH ₃ O ⁻ C. C ₆ H ₅ O ⁻ D. CH ₃ COO ⁻ |
| 79 | The number of resonating structures of phenoxide ion are | A. 3 B. 5 C. 6 D. 4 |
| 80 | The synthesis of ethene from ethyl alcohol is a reaction | A. Dehydration B. Polymerization C. Addition D. Substitution |
| 81 | CH ₃ CH ₂ CH ₂ OH-----A-----B Here B is | A. Propyne B. Propanal C. Propene D. Propane |
| 82 | 1, 3, 5-Pentanetriol has secondary carbon | A. 3 B. 1 C. 2 D. Zero |
| 83 | Tertiary alcohols have alpha hydrogens | A. 1 B. Zero C. 2 D. 3 |

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| 84 | The alcohol that does not form carbonyl compound on oxidation | A. Ethanol B. iso-butyl alcohol C. ter-butyl alcohol D. neo pentyl alcohol |
| 85 | Esterification of CH_3COOH is reaction | A. Acid base B. Electrophilic C. Redox D. Nucleophilic |
| 86 | The compound that reacts the slowest in Lucas test | A. 1-Pentanol B. sec-butyl alcohol C. 3-Pentanol D. ter-butyl alcohol |
| 87 | Which reactant does not liberate water on reaction with alcohol | A. NH_3 B. $\text{K}_2\text{Cr}_2\text{O}_7/15\text{H}_2\text{O}$ C. HCl D. PCl_3 |
| 88 | What is true about an alcohol and phenol | A. Both are more acidic than water B. Both react with NaOH C. Both produce CO_2 with Na_2CO_3 D. Both, produce H_2 with Na |
| 89 | An electron withdrawing group attached to e-position in phenol | A. makes it basic B. Stabilises the phenoxide ion C. decreases its basicity D. allows it to precipitate in aqueous solution |
| 90 | Formation of Picric acid from phenol needs heating, one possible reason for it is | A. acidity of phenol B. e- donating nature of $-\text{OH}$ C. acidity of picric acid D. e- withdrawing effect of $-\text{NO}_2$ |
| 91 | Alcohol is less acidic than phenol due to | A. higher K_a value B. Instability of alkoxide ion C. stability of carbocation D. Stability of phenol |
| 92 | Which will not react with phenol | A. NaOH B. Br_2 C. $\text{KMnO}_4/\text{OH}^-$ D. Na |
| 93 | What forces operate between ethyl group of ethyl alcohol and oxygen of water | A. H-bonding B. attractive forces C. repulsive forces D. dipole forces |
| 94 | Which of the following will undergo nucleophilic addition reaction more easily? | A. Aldehyde B. Alkene C. Aldehyde and ketone equally D. Neither aldehyde nor alkenes |
| 95 | Formalin contains-----% alcohol. | A. 37 B. 80 C. 8 D. 52 |
| 96 | Acetaldehyde cyanohydrin upon hydrolysis produces | A. Tartaric acid B. Malonic acid C. Formic acid D. Lactic acid |
| 97 | Acetone reacts with HCN to form a cyanohydrin. It is an example of | A. Nucleophilic addition B. Electrophilic substitution C. Electrophilic addition D. Nucleophilic substitution |
| 98 | Which one of the following is resistant to oxidation under normal conditions | A. Methyl alcohol B. Acetaldehyde C. Ethyl alcohol D. Acetone |
| 99 | Formalin is used as: | A. Fungicide B. Germicide C. Sterilizing of surgical instruments D. All three |
| 100 | $\text{C}=\text{O}$ and $\text{C}=\text{C}$ bonds are differentiated by | A. Hybridization of C-atom B. Bond angles C. Ammonical AgNO_3 D. FeCl_3 |

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| 100 | C=O and C=C bonds are characterized by | Conjugated, mso-fareast-font-family: SimSun; mso-bidi-font-family: "Times New Roman"; mso-ansi-language: EN-US; mso-fareast-language: ZH-CN; mso-bidi-language: AR-SA">Conc. HNO ₃ |
| 101 | Reactivity of carbonyl compounds is due to | A. Electrophilic carbon B. Less steric hindrance C. Unsaturation of C=O D. Polarity of bond |
| 102 | which of the following is not a symmetrical ketone | A. 4-heptanone B. Butanone C. Propanone D. 3-pentanone |
| 103 | The red brown ppt. of Fehling solution and benedict solution tests are of | A. Ag B. Cu ₂ O C. CuO D. AgBr |
| 104 | Which of the following test is not given by aldehyde | A. 2, 4 DNP test B. NaHSO ₃ test C. Tollen's test D. Sodium nitroprusside test |
| 105 | Which of the following compound is least reactive | A. HCHO B. CH ₃ CHO C. CH ₃ COCH ₃ D. C ₆ H ₅ CHO |
| 106 | Which of the following does not give yellow precipitate with I ₂ + NaOH | A. Acetone B. Benzaldehyde C. Acetaldehyde D. Acetophenone |
| 107 | Which of the following does not give brick red precipitate with Fehling's solution | A. Acetaldehyde B. Formalin C. propanaldehyde D. Acetone |
| 108 | Which of the following gives silver mirror with ammonia & AgNO ₃ | A. Benzyl alcohol B. Benzene C. Benzoic acid D. Benzaldehyde |
| 109 | In which of the following types of reactions are the carbonyl compounds and alkene are similar in behaviour | A. Nucleophilic addition B. Electrophilic addition C. Nucleophilic substitution D. Catalytic hydrogenation |
| 110 | Which of the following ketone will not give iodoform test | A. Methyl isopropyl ketone B. Dimethyl ketone C. Ethyl isopropyl ketone D. 2-hexanone |
| 111 | Which of the following alcohol cannot be produced by treatment of aldehydes or ketones with NaBH ₄ | A. 1-propanol B. 2-Methyl-2-propanol C. 2-propanol D. Ethanol |
| 112 | Which of the following reagents react in same manner with HCHO, CH ₃ CHO and CH ₃ COCH ₃ | A. HCN B. Cu ₂ (OH) ₂ / NaOH C. Ammonical AgNO ₃ D. Cu(OH) ₂ only |
| 113 | Propanone does not undergo | A. Oxime formation B. Reduction of Fehling solution C. Hydrazone formation with hydrazine D. Reaction with HCN |
| 114 | The reaction of formaldehyde with HCN is | A. Nucleophilic substitution B. Electrophilic substitution C. Nucleophilic addition D. Free radical addition |
| 115 | The addition compound obtained by reacting acetaldehyde and HCN, when hydrolyzed gives | A. Ethyl alcohol B. Methyl cyanide C. 2-Hydroxy propanoic acid D. Ethyl cyanide |
| 116 | The reagent used to distinguish between ethanol and propanal is | A. I ₂ / NaOH B. Benedict's reagent C. LiAlH ₄ D. sodium nitroprusside |

A. Acetone
B. Ethanol

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| 117 | Which of the following gives positive haloform test and positive Fehling solution | <p>A. Ethanol</p> <p>C. Acetaldehyde</p> <p>D. Formaldehyde</p> |
| 118 | When calcium formate and calcium acetate are dry heated they form | <p>A. HCOOH</p> <p>B. C₂H₅OH</p> <p>C. CH₃CHO</p> <p>D. HCHO</p> |
| 119 | In aldehydes and ketones carbon of carbonyl group is; | <p>A. sp³ hybridized</p> <p>B. sp² hybridized</p> <p>C. sp hybridized</p> <p>D. un hybridized</p> |
| 120 | Acetaldchye and ketone form addition product with | <p>A. Phenyl hydrazine</p> <p>B. Hydroxylamine</p> <p>C. Hydrazine</p> <p>D. hydrogen cyanide</p> |
| 121 | Consider the following reaction R-CHO + 2Ag(NH ₃) ₂ OH + R-COONH ₄ + 2Ag + 2NH ₃ + H ₂ O This reaction represents | <p>A. Fehling test</p> <p>B. Ninhydrin test</p> <p>C. Benedict lest</p> <p>D. Tollen's test</p> |
| 122 | A student mixed ethyl alcohol with small amount of sodium dichromate and added it to the hot solution of dilute sulphuric acid. A vigorous reaction took place. He distilled the product formed immediately. What was the product? | <p>A. Aceton₃</p> <p>B. Dimethyi ether</p> <p>C. Acetic acid</p> <p>D. Acetaldehyde</p> |
| 123 | .Both aldehydes and ketones are planar to the neighborhoods of carbonyl (C=O) group. Which one of the following bonds is distorted towards the oxygen atoms? | <p>A. pi-bond of C and O</p> <p>B. Sigma bond of C and O</p> <p>C. Sigma bond of C and H</p> <p>D. Sigma bond of C and C</p> |
| 124 | Which reagent is responsible for the conversion of ketone to secundar alcohol | <p>A. NaAlH₄</p> <p>B. NaBH₄</p> <p>C. Al</p> <p>D. Red P</p> |
| 125 | To distinguish aldehyde from ketone which solution is used | <p>A. Alkaline solution</p> <p>B. Fehling's solution</p> <p>C. A solution containing K₂Cr₂O₇</p> <p>D. A solution containing acid only</p> |
| 126 | Identify the compound, which give iodoform test | <p>A. Methanol</p> <p>B. 3- Hexanol</p> <p>C. Methyl ketone</p> <p>D. Propionaldehyde</p> |
| 127 | 2-propanol on oxidation yield | <p>A. Propionaldehyde</p> <p>B. Propanone</p> <p>C. Propanal</p> <p>D. Butanal</p> |
| 128 | Oxidation of secondary alcohol produces | <p>A. Aldehyde</p> <p>B. Ketone</p> <p>C. Alkyl halide</p> <p>D. Ester</p> |
| 129 | When wine is put in air, it becomes sour due to | <p>A. Oxidation of C₂H₅OH</p> <p>B. Formation of C₂H₅NH₂</p> <p>C. Reduction of C₂H₅OH</p> <p>D. Dissolution of CO₂</p> |
| 130 | The conversion of tertiary alcohols into alkenes in the presence of K ₂ Cr ₂ O ₇ + H ₂ SO ₄ is | <p>A. Addition reaction</p> <p>B. C-H bond cleavage</p> <p>C. Elimination reaction</p> <p>D. Combustion reaction</p> |
| 131 | The oxidation of 1 - propanol in the presence of H ₂ SO ₄ , +K ₂ Cr ₂ O ₇ produces final product | <p>A. Acetaldehyde</p> <p>B. Propanal</p> <p>C. Acetone</p> <p>D. Propanoic acic</p> |
| 132 | An alcohol is converted to an aldehyde with same number of carbon atoms as that of alcohol in the presence of K ₂ Cr ₂ O ₇ /H ₂ SO ₄ the alcohol is | <p>A. CH₃C(CH₃)₂OH</p> <p>B. (CH₃)₃COH</p> <p>C. $\text{CH}_3\text{CH}_2\text{CH}_2\text{OH}$</p> <p>D. (CH₃)₂CHOH</p> |
| 133 | 2-propanol on Oxidation gives | <p>A. Aldehyde</p> <p>B. Carboxylic Acid</p> <p>C. Ketone</p> <p>D. Alcohol</p> |