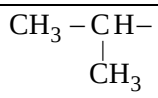
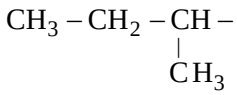
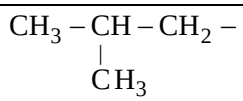
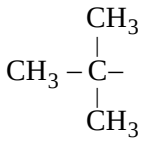
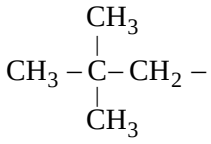
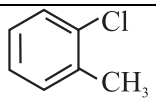
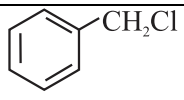
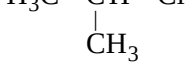
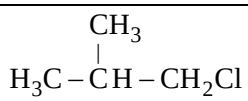
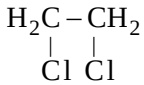
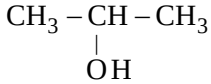
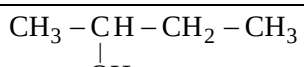
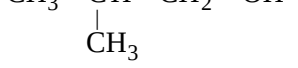
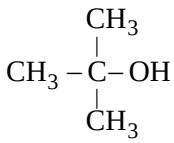
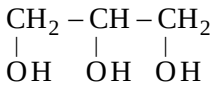
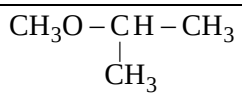
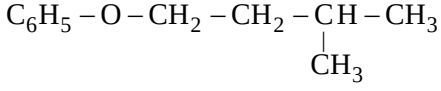
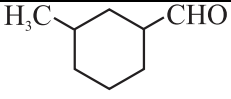
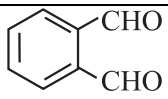
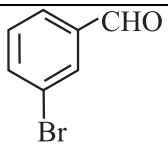
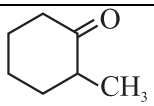
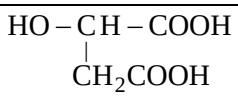
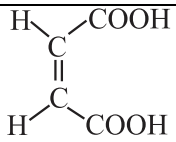
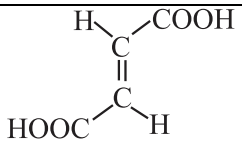
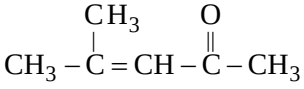
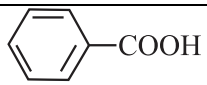
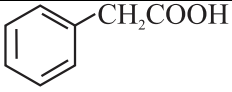
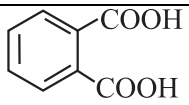
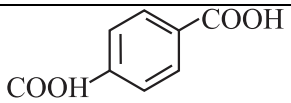
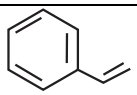
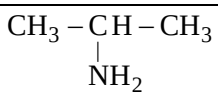
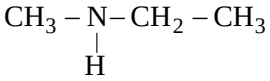
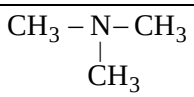
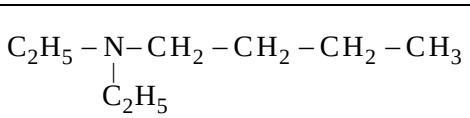
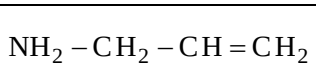
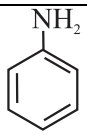
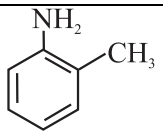
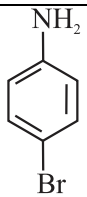
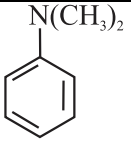
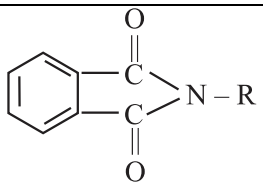
Yakeen NEET 2.0 2025 (Legend)

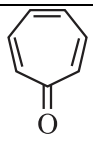
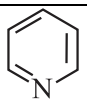
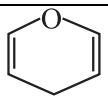
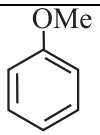
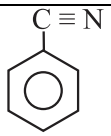
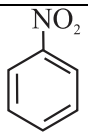
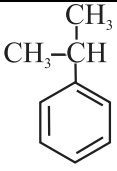
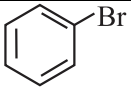
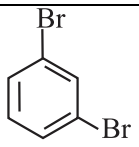
Some Basic principles and Techniques (IUPAC Naming)
Common Names of NCERT Organic Compounds

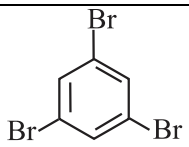
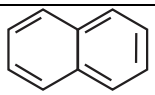
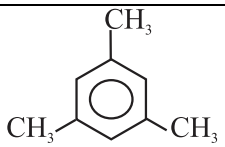
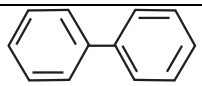
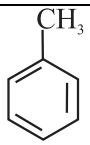
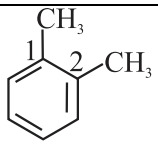
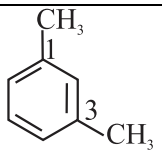
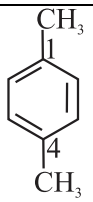
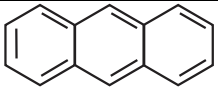
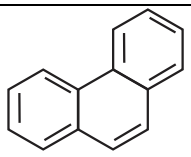
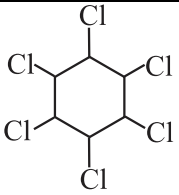
S. No.	Compound	Common Name
1.		Isopropyl-
2.		sec-Butyl-
3.		Isobutyl-
4.		tert-Butyl-
5.		Neopentyl-
6.	$H_3CCH_2CH_2CH_3$	*n*-Butane
7.	$(H_3C)_2CHCH_3$	Isobutane
8.	$(H_3C)_4C$	Neopentane
9.	CH_4	Methane
10.	C_2H_4	Ethylene
11.	C_2H_2	Acetylene
12.	C_3H_4	Methylacetylene
13.	C_4H_6	Ethylacetylene
14.	C_4H_6	Dimethylacetylene
15.	$CH_3CH_2CH(Cl)CH_3$	sec-Butyl chloride
16.	$(CH_3)_3CCH_2Br$	neo-Pentyl bromide
17.	$(CH_3)_3CBr$	tert-Butyl bromide
18.	$CH_2 = CHCl$	Vinyl chloride
19.	$CH_2 = CHCH_2Br$	Allyl bromide
20.		*o*-Chlorotoluene
21.		Benzyl chloride
22.	CH_2Cl_2	Methylene chloride
23.	$CHCl_3$	Chloroform
24.	$CHBr_3$	Bromoform
25.	CCl_4	Carbon tetrachloride
26.	$CH_3CH_2CH_2F$	*n*-Propyl fluoride

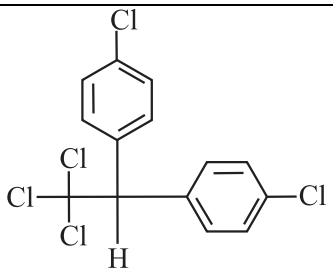
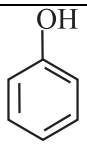
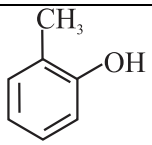
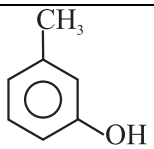
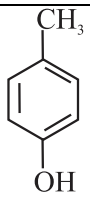
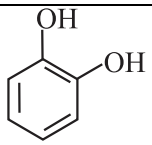
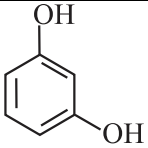
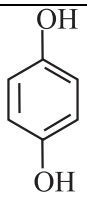
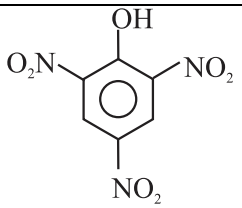
27.		Isopropyl chloride
28.		Isobutyl chloride
29.	$H_3C–CHCl_2$	Ethylidene chloride (gem-dihalide)
30.		Ethylene dichloride (vic-dihalide)
31.	$2COCl_2$	Phosgene
32.	$CH_3 – OH$	Methyl alcohol
33.	$CH_3–CH_2 – CH_2 – OH$	*n*–Propyl alcohol
34.		Isopropyl alcohol
35.	$CH_3 – CH_2 – CH_2 – CH_2 – OH$	*n*-Butyl alcohol
36.		*sec*–Butyl alcohol
37.		Isobutyl alcohol
38.		*tert*-Butyl alcohol
39.	$HO–H_2C–CH_2–OH$	Ethylene glycol
40.		Glycerol
41.	CH_3OCH_3	Dimethyl ether
42.	$C_2H_5OC_2H_5$	Diethyl ether
43.	$CH_3OCH_2CH_2CH_3$	Methyl n-propyl ether
44.	$C_6H_5OCH_2CH_3$	Ethyl phenyl ether (Phenetole)
45.	$C_6H_5O(CH_2)_6 – CH_3$	Heptyl phenyl ether
46.		Methyl isopropyl ether
47.		Phenyl Isopentyl ether
48.	HCHO	Formaldehyde
49.	CH_3CHO	Acetaldehyde
50.	$(CH_3)_2CHCHO$	Isobutyraldehyde
51.		γ-Methylcyclohexanecarbaldehyde

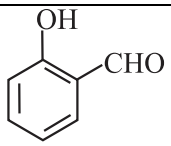
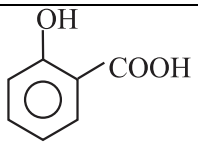
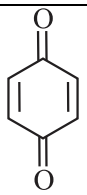
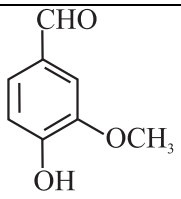
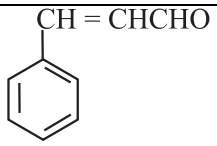
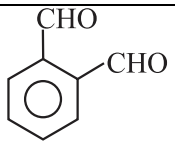
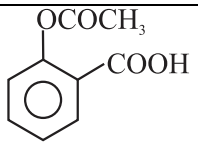
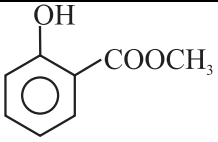
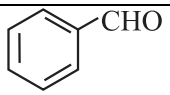
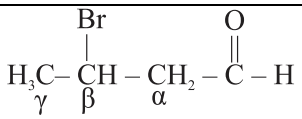
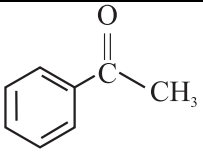
52.	$CH_3CH(OCH_3)CHO$	α-Methoxypropionaldehyde
53.	$CH_3CH_2CH_2CH_2CHO$	Valeraldehyde
54.	$CH_2 = CHCHO$	Acrolein
55.		Phthaldehyde
56.		*m*-Bromobenzaldehyde
57.	$(H_3C)_2CO$	Acetone
58.	$CH_3COCH_2CH_2CH_3$	Methyl *n*–propyl ketone
59.	$(CH_3)_2CHCOCH(CH_3)_2$	Diisopropyl ketone
60.		α-Methylcyclohexanone
61.	$(CH_3)_2C = CHCOCH_3$	Mesityl oxide
62.	HCOOH	Formic acid
63.	CH_3COOH	Acetic acid
64.	CH_3CH_2COOH	Propionic acid
65.	$CH_3CH_2CH_2COOH$	Butyric acid
66.	$(CH_3)_2CHCOOH$	Isobutyric acid
67.	HOOC–COOH	Oxalic acid
68.	$HOOC–CH_2–COOH$	Malonic acid
69.	$HOOC –(CH_2)_2–COOH$	Succinic acid
70.	$HOOC –(CH_2)_3–COOH$	Glutaric acid
71.	$HOOC–(CH_2)_4–COOH$	Adipic acid
72.	$HOOC –CH_2–CH(COOH)–CH_2–COOH$	Tricarballylic acid or carballylic acid
73.		Malic acid
74.		Maleic acid
75.		Fumaric acid
76.		Mesityl Oxide
77.		Benzoic acid
78.		Phenylacetic acid

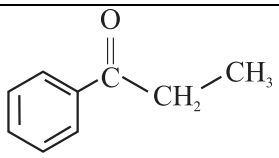
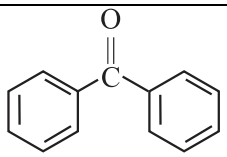
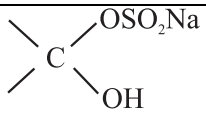
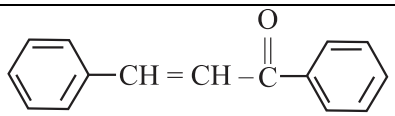
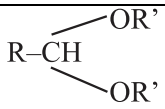
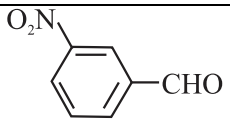
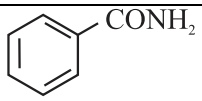
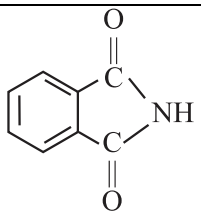
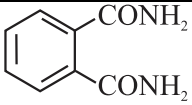
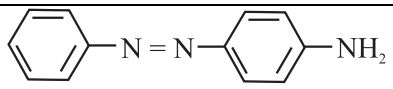
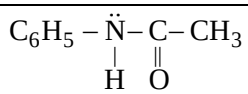
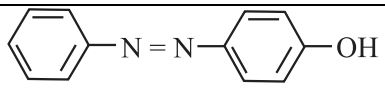
79.		Phthalic acid
80.		Terephthalic acid
81.		Styrene
82.	$CH_3 - CH_2 - NH_2$	Ethylamine
83.	$CH_3–CH_2–CH_2–NH_2$	*n*-Propylamine
84.		Isopropylamine
85.		Ethylmethylamine
86.		Trimethylamine
87.		N, N–Diethylbutylamine
88.		Allylamine
89.	$NH_2–(CH_2)_6–NH_2$	Hexamethylenediamine
90.		Aniline
91.		*o*-Toluidine
92.		*p*-Bromoaniline
93.		N, N-Dimethylaniline
94.		N-Alkylphthalimide
95.	$H–CONH_2$	Formamide

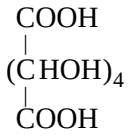
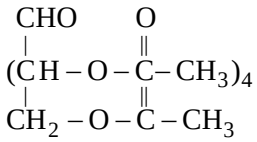
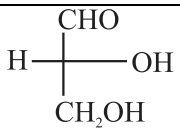
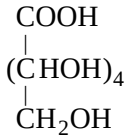
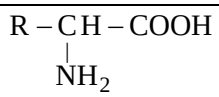
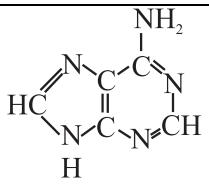
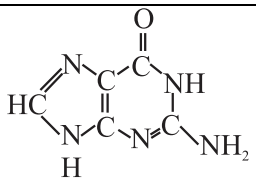
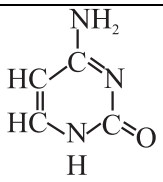
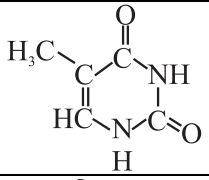
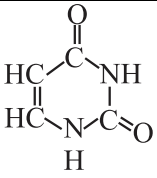
96.	$CH_3 – CONH_2$	Acetamide
97.	$CH_3 – CH_2 – CONH_2$	Propionamide
98.	$CH_3 – O – N = O$	Methylnitrite
99.	$CH_3CH_2–O–N=O$	Ethylnitrite
100.	$CH_3 – NH_2$	Methylamine or Aminomethane
101.	$CH_3 – CN$	Methyl cyanide or Acetonitrile
102.	$CH_3 – N^+ \equiv C^-$	Methyl isocyanide or Methyl carbylamine
103.		Tropone
104.		Furan
105.		Thiophene
106.		Pyridine
107.		Pyran
108.		Anisole
109.		Benzonitrile
110.		Nitrobenzene
111.		Cumene
112.		Bromobenzene
113.		*m*-Dibromobenzene

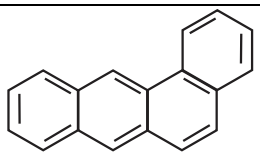
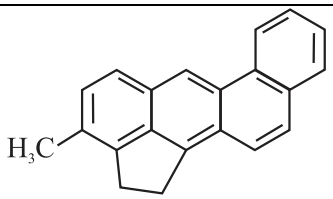
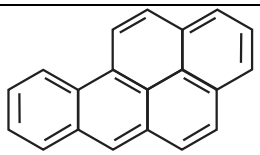
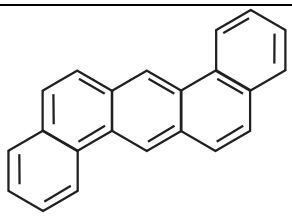
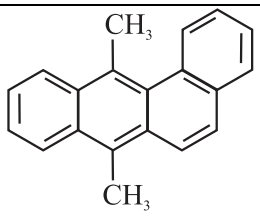
114.		sym-Tribromobenzene
115.		Benzene
116.		Naphthalene
117.		Mesitylene
118.		Biphenyl
119.		Toluene
120.		o-Xylene
121.		m-Xylene
122.		p-Xylene
123.		Anthracene
124.		Phenanthrene
125.		Benzene hexachloride (BHC)

126.		DDT
127.		Phenol
128.		*o*-Cresol
129.		*m*-Cresol
130.		*p*–Cresol
131.		Catechol
132.		Resorcinol
133.		Hydroquinone or quinol
134.		Picric Acid

135.		Salicylaldehyde
136.		Salicylic Acid
137.		Benzoquinone
138.		Vanillin
139.		Cinnamaldehyde
140.		Phthalaldeyde
141.		Aspirin
142.		Methyl salicylate (Oil of winter green)
143.		Benzaldehyde
144.		β-Bromobutyraldehyde
145.		Acetophenone

146.		Propiophenone
147.		Benzophenone
148.		Bisulphite addition compound (Crystalline)
149.		Benzalacetophenone
150.		Acetal
151.		*m*–Nitrobenzaldehyde
152.		Benzamide
153.		Phthalimide
154.		Phthalamide
155.	$C_6H_5–CH_2–Cl$	Benzyl chloride
156.		*p*-Amino azobenzene (Yellow dye)
157.	$C_6H_5 – CH_2 – C \equiv N$	Benzyl cyanide
158.		Acetanilide
159.		*p*-Hydroxy azobenzene (Orange dye)
160.	$C_6H_{12}O_6$	Glucose/Fructose

161.		Saccharic acid
162.		glucose pentaacetate
163.	$C_{12}H_{22}O_{11}$	Sucrose
164.	$(C_6H_{10}O_5)_n$	Starch or cellulose
165.		Glyceraldehyde
166.		Gluconic acid
167.		α-amino acid
168.		Adenine (A)
169.		Guanine (G)
170.		Cytosine (C)
171.		Thymine (T)
172.		Uracil (U)

173.		1, 2–Benzanthracene
174.		3–Methylcholanthrene
175.		1, 2–Benzpyrene
176.		1, 2, 5, 6–Dibenzanthracene
177.		9, 10–Dimethyl–1,2–benzanthracene

PW Web/App - https://smart.link/7wwosivoicgd4

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