

BALABHADRA SKILL DEVELOPMENT ACADEMY
SCIENCE QUESTION BANK - 34
CHEMICAL AND COMMERCIAL NAMES OF COMPOUNDS

Time: 1 Hour

Full marks: 55

Pass marks: 44

Name chemical names and chemical formulae of following substances.

Sl. No.	Commercial Names
1.	Table Salt
2.	Water
3.	Hematite
4.	Sucrose or Table Sugar
5.	Aqua Fortis/ Spirit of Niter/ Nitric Acid
6.	Baking Soda
7.	Blue Vitriol
8.	Bleaching Powder
9.	Bleach/ Antiformin/ Chloride of Soda
10.	Saltpetre
11.	Slaked Lime
12.	Quartz
13.	TNT
14.	Vermillion/ Cinnabar
15.	Washing Soda
16.	Carbolic Acid/ Phenol /
17.	Caustic Potash
18.	Chile Saltpetre
19.	Caustic Soda
20.	Cream of Tartar
21.	Chloroform
22.	Borax
23.	Calomel
24.	Carborundum
25.	Dry Ice
26.	Epsom Salt
27.	Gypsum
28.	Heavy Water
29.	Laughing Gas
30.	Quick Lime/ Burnt Lime
31.	Slaked Lime
32.	Limestone

33.	CFC-12/ Freon-12
34.	Dolomite
35.	Glycerol
36.	Marsh Gas
37.	Milk of Magnesia
38.	Plaster of Paris
39.	Potash Alum/ Potassium Alum
40.	Galena
41.	Glauber's Salt
42.	Green Vitriol
43.	Hypo Solution
44.	Litharge (Red) and Massicot (Yellow)
45.	Methyl Ethyl Ketone/ Butanone
46.	Mohr's Salt
47.	Muriatic Acid
48.	Oil of Vitriol
49.	Phosgene
50.	Propan-2-ol
51.	Quicksilver
52.	Rochelle Salt
53.	Sal Ammoniac
54.	Wintergreen Oil
55.	White Vitriol

BALABHADRA SKILL DEVELOPMENT ACADEMY
SCIENCE QUESTION BANK – 34 (ANSWER)
CHEMICAL AND COMMERCIAL NAMES OF COMPOUNDS

Sl. No.	Commercial Names	Chemical Names	Chemical formula
1.	Table Salt	Sodium Chloride	NaCl
2.	Water	Hydrogen oxide	H ₂ O
3.	Hematite	Ferric Oxide	Fe ₂ O ₃
4.	Sucrose or Table Sugar	-----	C ₁₂ H ₂₂ O ₁₁
5.	Aqua Fortis/ Spirit of Niter/ Nitric Acid	Hydrogen nitrate	HNO ₃
6.	Baking Soda	Sodium Bicarbonate or Sodium Hydrogen Carbonate	NaHCO ₃
7.	Blue Vitriol	Copper Sulphate	CuSO ₄ .xH ₂ O
8.	Bleaching Powder	Calcium Oxychloride	CaOCl ₂
9.	Bleach/ Antiformin/ Chloride of Soda	Sodium Hypochlorite	NaOCl
10.	Saltpetre	Potassium Nitrate	KNO ₃
11.	Slaked Lime	Calcium Hydroxide	Ca(OH) ₂
12.	Quartz	Silicon Dioxide (Silica)	SiO ₂
13.	TNT	Trinitrotoluene	C ₆ H ₂ (NO ₂) ₃ CH ₃
14.	Vermillion/ Cinnabar	Mercuric Sulphide	HgS
15.	Washing Soda	Sodium Carbonate Decahydrate	NaCO ₃ .10H ₂ O
16.	Carbolic Acid/ Phenol	Hydroxybenzene Phenic Acid	C ₆ H ₅ OH
17.	Caustic Potash	Potassium Hydroxide	KOH
18.	Chile Saltpetre	Sodium Nitrate	NaNO ₃
19.	Caustic Soda	Sodium Hydroxide	NaOH
20.	Cream of Tartar	Potassium Hydrogen Tartrate/ Potassium Bitartrate	KC ₄ H ₅ O ₆
21.	Chloroform	Trichloromethane	CHCl ₃
22.	Borax	Sodium Tetraborate Decahydrate/ Sodium Borate	Na ₂ [B ₄ O ₅ (OH) ₄].8H ₂ O
23.	Calomel	Mercurous Chloride	Hg ₂ Cl ₂
24.	Carborundum	Silicon Carbide	SiC
25.	Dry Ice	Solid Carbon Dioxide	CO ₂
26.	Epsom Salt	Magnesium Sulphate	MgSO ₄ .7H ₂ O

		Heptahydrate	
27.	Gypsum	Calcium Sulphate Dihydrate	$\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$
28.	Heavy Water	Deuterium Oxide	D_2O
29.	Laughing Gas	Dinitrogen Monoxide/ Nitrous Oxide	N_2O
30.	Quick Lime/ Burnt Lime	Calcium Oxide	CaO
31.	Slaked Lime	Calcium Hydroxide	$\text{Ca}(\text{OH})_2$
32.	Limestone	Calcium Carbonate	CaCO_3
33.	CFC-12/ Freon-12	Dichlorodifluoromethane	CCl_2F_2
34.	Dolomite	Calcium Magnesium Carbonate	$\text{CaMg}(\text{CO}_3)_2$
35.	Glycerol	Propane-1,2,3-triol	$\text{C}_3\text{H}_8\text{O}_3$
36.	Marsh Gas	Methane	CH_4
37.	Milk of Magnesia	Magnesium Hydroxide	$\text{Mg}(\text{OH})_2$
38.	Plaster of Paris	Calcium Sulphate Hemihydrate	$\text{CaSO}_4 \cdot 1/2\text{H}_2\text{O}$
39.	Potash Alum/ Potassium Alum	Potassium Aluminum Sulphate Dodecahydrate	$\text{KAl}(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$
40.	Galena	Lead (II) Sulphide	PbS
41.	Glauber's Salt	Sodium Sulphate Decahydrate	$\text{Na}_2\text{SO}_4 \cdot 10\text{H}_2\text{O}$
42.	Green Vitriol	Ferrous Sulphate Heptahydrate	$\text{FeSO}_4 \cdot 7\text{H}_2\text{O}$
43.	Hypo Solution	Sodium Thiosulphate Pentahydrate	$\text{Na}_2\text{S}_2\text{O}_3 \cdot 5\text{H}_2\text{O}$
44.	Litharge (Red) and Massicot (Yellow)	Lead (II) Oxide/ Lead Monoxide	PbO
45.	Methyl Ethyl Ketone/ Butanone	Butan-2-one	$\text{C}_4\text{H}_8\text{O}$
46.	Mohr's Salt	Ammonium Iron (II) Sulphate	$(\text{NH}_4)_2\text{Fe}(\text{SO}_4)_2 \cdot 6\text{H}_2\text{O}$
47.	Muriatic Acid	Hydrochloric Acid	HCl
48.	Oil of Vitriol	Sulphuric Acid	H_2SO_4
49.	Phosgene	Carbonyl Dichloride	COCl_2
50.	Propan-2-ol	Isopropyl Alcohol	$(\text{CH}_3)_2\text{CHOH}$
51.	Quicksilver	Mercury	Hg
52.	Rochelle Salt	Potassium Sodium Tartrate	$\text{KNaC}_4\text{H}_4\text{O}_6 \cdot 4\text{H}_2\text{O}$
53.	Sal Ammoniac	Ammonium Chloride	NH_4Cl
54.	Wintergreen Oil	Methyl Salicylate	$\text{C}_8\text{H}_8\text{O}_3$
55.	White Vitriol	Zinc Sulphate	$\text{ZnSO}_4 \cdot 7\text{H}_2\text{O}$