

BALABHADRA SKILL DEVELOPMENT ACADEMY
SCIENCE QUESTION BANK - 35
USE OF COMMONLY USED CHEMICAL COMPOUNDS

Time: 1 Hour

Full marks: 53

Pass marks: 40

Write down use of following chemical substances.

Sl No.	Common Names of Chemical Compounds
1.	Aqua Fortis/ Spirit of Niter
2.	Baking Soda
3.	Bleaching Powder
4.	Bleach/ Antiformin/ Chloride of Soda
5.	Caustic Potash
6.	Caustic Soda
7.	Chloroform
8.	Dry Ice
9.	Epsom Salt
10.	Chile Saltpetre
11.	Cream of Tartar
12.	Gypsum
13.	Heavy Water
14.	Rochelle Salt
15.	Sal Ammoniac
16.	Saltpetre
17.	Slaked Lime
18.	Table Salt/ Common Salt
19.	Laughing Gas
20.	Quick Lime/ Burnt Lime
21.	Slaked Lime
22.	Limestone
23.	Glycerol
24.	Marsh Gas
25.	Milk of Magnesia
26.	CFC-12/ Freon-12
27.	Phosgene
28.	Plaster of Paris
29.	Potash Alum/ Potassium Alum
30.	Quartz
31.	Quicksilver
32.	TNT
33.	Vermillion/ Cinnabar
34.	Washing Soda
35.	Wintergreen Oil

36.	Blue Vitriol
37.	Borax
38.	Calomel
39.	Carborundum
40.	Carbolic Acid/ Phenol / Hydroxybenzene Phenic Acid
41.	Dolomite
42.	Galena
43.	Glauber's Salt
44.	Green Vitriol
45.	Hematite
46.	Hypo Solution
47.	Litharge (Red) and Massicot (Yellow)
48.	Methyl Ethyl Ketone/ Butanone
49.	Mohr's Salt
50.	Muriatic Acid
51.	Oil of Vitriol
52.	White Vitriol
53.	Isopropyl alcohol

BALABHADRA SKILL DEVELOPMENT ACADEMY
SCIENCE QUESTION BANK – 35 (ANSWERS)
USE OF COMMONLY USED CHEMICAL COMPOUNDS

Sl No.	Common Names of Chemical Compounds	Uses of Compound
1.	Aqua Fortis/ Spirit of Niter	Production of explosives and fertilizers
2.	Baking Soda	Used in baking
3.	Bleaching Powder	Used in textile industry for bleaching cotton and linen
4.	Bleach/ Antiformin/ Chloride of Soda	Used on a large scale for bleaching, surface purification, water disinfection and odour removal
5.	Caustic Potash	Used in soaps and detergents and in liquid fertilizers
6.	Caustic Soda	Used in manufacture of paper and pulp, alumina, soap, detergents, petroleum products, water treatment, metal processing, mining, etc.
7.	Chloroform	Used in solvent for floor polishes and lacquer. Also in paper, board and pesticide industries.
8.	Dry Ice	Solid form of CO ₂ . Used as a cooling agent and in theatres for dramatic effects.
9.	Epsom Salt	Used to treat body aches, pain and inflammation
10.	Chile Saltpetre	Used for making fertilizers, high-strength glasses and explosives.
11.	Cream of Tartar	Used in the bakery for stabilizing egg whites
12.	Gypsum	Used in Portland cement and filler in paper and textiles.
13.	Heavy Water	Used as neutron moderator in nuclear reactors.
14.	Rochelle Salt	Used in the production of gelatins and pectins
15.	Sal Ammoniac	Used as a cleaning agent
16.	Saltpetre	Used as a food preservative
17.	Slaked Lime	Used to form mortars, cements and plasters.
18.	Table Salt/ Common Salt	Used to enhance taste of food and in food preservation.
19.	Laughing Gas	Used by dentists to make the patients comfortable during treatment.
20.	Quick Lime/ Burnt Lime	Used in the production of steel, paper and pulp production and treatment of water.
21.	Slaked Lime	Used in plasters, cements and mortars.
22.	Limestone	Used in building material and in toothpaste.
23.	Glycerol	Used in food and beverages industry. Used as a solvent, humectant and in food preservation.
24.	Marsh Gas	Used in the production of ammonia for fertilizers

		and explosives.
25.	Milk of Magnesia	Used as an antacid which helps at the time of indigestion, heartburn and sour stomach.
26.	CFC-12/ Freon-12	Used as a refrigerant in air conditioners and refrigerators.
27.	Phosgene	Used for making pesticides and plastics.
28.	Plaster of Paris	Used as a protective coating on ceilings and walls. Used for making sculptures.
29.	Potash Alum/ Potassium Alum	Used in the purification of water, dyeing and leather tanning.
30.	Quartz	Used in making of glass, hydraulic fracturing proppant, foundry sand and gemstones.
31.	Quicksilver	Used in barometers, thermostats and thermometers.
32.	TNT	Used in bombs, military shells and grenades
33.	Vermillion/ Cinnabar	Used in colour paints and in tattoo dyes
34.	Washing Soda	Used to unclog drains and in detergent
35.	Wintergreen Oil	Used in the medicine for bacterial infections
36.	Blue Vitriol	Used in insecticides and germicides. Also as electrolytes for batteries.
37.	Borax	Used as cleaner and also in manufacturing paint, herbicides, toothpastes, skin creams, moisturizers, etc.
38.	Calomel	Used as fungicide.
39.	Carborundum	Used as an abrasive for cutting, polishing, grinding and as an antislip additive.
40.	Carbolic Acid/ Phenol / Hydroxybenzene Phenic Acid	Used as antiseptic agents and used as a disinfectant in household cleaners.
41.	Dolomite	Used in production of glass, ceramics and bricks.
42.	Galena	Primary ore of lead.
43.	Glauber's Salt	Used for medicinal purposes.
44.	Green Vitriol	Used for treatment against moss on the lawn and to treat iron clorosis of vine, berries and fruit trees.
45.	Hematite	Used for heavy metal separation, radiation shielding and to produce pigments.
46.	Hypo Solution	Used for photographic paper processing
47.	Litharge (Red) and Massicot (Yellow)	Used in production of lead stabilizers, lead glass, enamels and pottery.
48.	Methyl Ethyl Ketone/ Butanone	Used in manufacturing paint.
49.	Mohr's Salt	Used to enhance the shelf life of iron and

		protection against oxidation
50.	Muriatic Acid	Used in processing leather, food additive and production of gelatin.
51.	Oil of Vitriol	Used in making fertilizer
52.	White Vitriol	Used in manufacture of rayon fabric. Also used in eye drops and preserving skin and wood.
53.	Isopropyl alcohol	Used to treat tumor, hypertension, chest pain and heart problems.