

Answers to Practice Exercises
for Chemical Nomenclature

Part I

1. NH_4Cl
2. KI
3. AgF
4. PbO
5. Sr_3N_2
6. CuBr
7. SnI_4
8. MgCl_2
9. AlF_3
10. Fe_2S_3
11. K_3P
12. Cs_2Se
13. AlN
14. ZnO
15. PbO_2
16. CuTe
17. Sn_3N_4
18. Al_4C_3
19. RbI
20. WCl_2

Part II

1. KClO_3
2. Cu_3PO_4
3. $\text{Fe}(\text{BrO}_3)_3$
4. Li_3PO_4
5. NH_4OH
6. $\text{Co}_2(\text{CO}_3)_3$
7. FeCrO_4
8. $\text{LiC}_2\text{H}_3\text{O}_2$
9. CaS_2O_3
10. $\text{Al}_2(\text{C}_2\text{O}_4)_3$
11. $\text{Fe}(\text{CN})_3$
12. NaIO_3
13. K_2O_2
14. $\text{Sn}(\text{Cr}_2\text{O}_7)_2$
15. AgNO_3
16. CaSO_4
17. $\text{Zn}_3(\text{PO}_4)_3$
18. $\text{Pb}(\text{MnO}_4)_2$
19. $\text{Al}_2(\text{SiO}_3)$
20. $\text{Ca}(\text{NO}_3)_2$

Part III.

1. $\text{Fe}_2(\text{SO}_3)_3$
2. PbHPO_4
3. RbClO
4. LiHCO_3
5. ZnSO_5
6. $\text{Sr}(\text{NO}_2)_2$
7. NH_4HSO_4
8. $\text{Sn}(\text{ClO}_4)_4$
9. CuH_2PO_4
10. $\text{Al}(\text{NO}_2)_3$
11. $\text{Ba}(\text{IO}_4)_2$
12. $\text{Pb}(\text{BrO}_2)_4$
13. AgHCO_3
14. $(\text{Hg}_2)_3(\text{PO}_3)_2$
15. $\text{Cu}(\text{BrO})_2$
16. NaNO_2
17. K_2CrO_4
18. $\text{Cd}(\text{ClO}_2)_2$
19. $\text{Fe}(\text{NO})_2$
20. $\text{Ca}(\text{HSO}_3)_2$

Part IV

1. $\text{Cu}(\text{MnO}_4)_2$
2. FeI_2
3. $\text{Mn}(\text{HCO}_3)_2$
4. $\text{Cr}(\text{ClO}_4)_3$
5. NiHPO_4
6. SnSO_4
7. $\text{Co}_2(\text{C}_2\text{O}_4)_3$
8. FeS
9. $\text{Cu}(\text{NO}_3)_2$
10. $\text{Hg}_2(\text{NO}_2)_2$
11. $\text{Fe}_2(\text{CrO}_4)_3$
12. $\text{Pb}(\text{BrO})_2$
13. MnCl_3
14. Cu_2O
15. Cr_3P_2
16. $\text{Sn}(\text{Cr}_2\text{O}_7)_2$
17. Ni_2O_3
18. $\text{Pb}(\text{IO}_3)_4$
19. CoSO_3
20. HgBr_2

Part V.

1. Cl_2O
2. P_2Cl_6
3. SO_3
4. CO_2
5. PCl_3
6. CF_4
7. N_2O_4
8. P_2O_3
9. Cl_2O_7
10. NO_2
11. SiO_2
12. SO_2
13. Cl_2O_3
14. P_2O_5
15. CO
16. N_2O
17. Cl_2O_5
18. PCl_5
19. CS_2
20. N_2O_3

Part VI.

1. SO_3
2. Cl_2O_5
3. PCl_5
4. N_2O
5. P_2O_3
6. ICl_7
7. CO_2
8. ClF_3
9. NO
10. Br_2O_3
11. CS_2
12. CBr_4
13. SO_2
14. CO_2
15. N_2O_5
16. SiO_2
17. NCl_3
18. ClO
19. SiO_2
20. CCl_4

Part VII.

1. HNO_3
2. HClO_4
3. H_2SO_4
4. HClO
5. HBrO_2
6. H_2S
7. HBr
8. HClO_3
9. H_3PO_4
10. H_2SO_3
11. HBrO
12. H_3P
13. HClO_2
14. HF
15. HCl
16. HIO_4
17. HNO_2
18. H_2CO_3
19. H_2Te
20. HIO_3

Part VIII

1. $\text{CaCl}_2 \cdot 2\text{H}_2\text{O}$
2. $\text{MgSO}_4 \cdot 7\text{H}_2\text{O}$
3. $\text{BaCl}_2 \cdot 3\text{H}_2\text{O}$
4. $\text{Fe}(\text{NO}_3)_3 \cdot 5\text{H}_2\text{O}$
5. $\text{CuCl}_2 \cdot 4\text{H}_2\text{O}$

Part IX.

1. Potassium Selenide
2. Cesium Nitride
3. Aluminum Oxide
4. Zinc Telluride
5. Lead(IV) Nitride
6. Copper(II) Oxide
7. Tin(IV) Carbide
8. Aluminum Iodide
9. Rubidium Chloride
10. Tungsten(II) Iodide
11. Ammonium Fluoride
12. Potassium Chloride
13. Silver Oxide
14. Lead(II) Nitride
15. Strontium Bromide
16. Copper(I) Iodide
17. Tin(IV) Chloride
18. Magnesium Fluoride
19. Aluminum Sulfide
20. Iron(III) Phosphide

Part X.

1. Iron(III) Iodate
2. Sodium Peroxide
3. Potassium Dichromate
4. Tin(IV) Nitrate
5. Silver Sulfate
6. Calcium Phosphate
7. Zinc Permanganate
8. Lead(II) Silicate
9. Aluminum Nitrate
10. Calcium Chlorate
11. Potassium Phosphate
12. Copper(I) Bromate
13. Iron(III) Phosphate
14. Lithium Hydroxide
15. Ammonium Carbonate
16. Cobalt(III) Chromate
17. Iron(II) Acetate
18. Lithium Thiosulfate
19. Calcium Oxalate
20. Aluminum Cyanide

Part XI.

1. Barium Bromite
2. Lead(IV) Bicarbonate
3. Silver Phosphite
4. Mercury(I) hypobromite
5. Copper(II) Nitrite
6. Sodium Chromate
7. Potassium Chlorite
8. Cadmium Hyponitrite
9. Iron(II) Bisulfite
10. Calcium Sulfite
11. Iron(III) Monhydrogen Phosphate
12. Lead(II) Hypochlorite
13. Rubidium Hydrogen Carbonate
14. Zinc Nitrite
15. Strontium Hydrogen Sulfate
16. Lithium Persulfate
17. Ammonium Perchlorate
18. Tin(IV) Dihydrogen Phosphate
19. Copper(I) nitrite
20. Aluminum periodate

Part XII.

1. Ferric Hypobromite
2. Plumbous chloride
3. Manganic Oxide
4. Cuprous Phosphide
5. Chromous Oxide
6. Stannic Iodate
7. Nickelic Dichromate
8. Plumbic Sulfite
9. Cobaltous Bromide
10. Mercuric permanganate
11. Cupric Iodide
12. Ferrous Bicarbonate
13. Manganous Perchlorate
14. Chromic Monhydrogen Phosphate
15. Nickelous Sulfate
16. Stannous Oxalate
17. Cobaltic Sulfide
18. Ferrous Nitrate
19. Cupric Nitrite
20. Mercurous Chromate

Part XIII.

1. silicon trioxide
2. sulfur trioxide
3. dichlorine pentoxide
4. diphosphorous trioxide
5. carbon dioxide
6. dinitrogen tetroxide
7. dichlorine monoxide
8. phosphorous trichloride
9. carbon tetrabromide
10. dinitrogen monoxide
11. dichlorine heptoxide
12. diphosphorous decachloride
13. sulfur dioxide
14. carbon monoxide
15. phosphorous pentachloride
16. carbon disulfide
17. dinitrogen pentoxide
18. diphosphorus trioxide
19. dichlorine trioxide
20. nitrogen monoxide

Part XIV.

1. Silicon(IV) sulfide
2. Carbon(IV) Fluoride
3. Sulfur(VI) oxide
4. Carbon(II) oxide
5. Nitrogen(I) oxide
6. Sulfur(IV) Oxide
7. Nitrogen(V) chloride
8. Chlorine(V) oxide
9. Oxygen(II)fluoride
10. Carbon(IV) Bromide
11. Silicon(IV) oxide
12. Chlorine (III) oxide
13. Phosphorous(III) chloride
14. Nitrogen(III) oxide
15. Phosphorus(V) chloride
16. Iodine(V) chloride
17. Carbon(IV) Oxide
18. Chlorine(VII) fluoride
19. Nitrogen(I) Oxide
20. Bromine(V) Chloride

Part XV.

1. Phosphoric Acid
2. Perchloric Acid
3. Sulfuric Acid
4. Hydrotelluric Acid
5. Bromic Acid
6. Hydrosulfuric Acid
7. Nitric Acid
8. Chloric Acid
9. Hydrobromic Acid
10. Sulfurous Acid
11. Hypobromous Acid
12. Hydrophosphoric Acid
13. Chlorous Acid
14. Carbonic Acid
15. Hydrochloric Acid
16. Periodic Acid
17. Nitrous Acid
18. Iodous Acid
19. Hypochlorous Acid
20. Hydrofluoric Acid

Part XVI.

1. Ferrous Sulfate dihydrate
2. Calcium Nitrate pentahydrate
3. Cupric Nitrate monohydrate
4. Potassium Nitrite tetrahydrate
5. Sodium chloride trihydrate