Honors Chemistry 2

Chemical Nomenclature
Sample Test

Part I: Write the name of the following compounds using the Stock system (Roman numerals where necessary)

1.	K_2SO_4	_____	2.	$CaCl_2$	_____
3.	FeO	_____	4.	CO_2	_____
5.	$Pb(BrO)_2$	_____	6.	$HCl(g)$	_____
7.	$Cu(NO_3)_2$	_____	8.	$Mn(HCO_3)_2$	_____
9.	$Hg_3(PO_4)_2$	_____	10.	KH_2PO_4	_____
11.	$ZnCr_2O_7$	_____	12.	$AgOH$	_____
13.	NH_4NO_2	_____	14.	Cl_2O_7	_____
15.	$Ba(ClO_4)_2$	_____	16.	CCl_4	_____
17.	$Al(CN)_3$	_____	18.	$MgSO_4 \bullet 7H_2O$	_____

Part II. Use Roman system (-ous, -ic) to name the following:

19.	$CuCl$	_____	20.	$Ni_2(S_2O_3)_3$	_____

Part III. Use Greek Prefix system to name each of the following:

21.	CO	_____	22.	Br_2O_5	_____

Part IV. Name each of the following acids.

23.	H_2S	_____	24.	HI	_____
25.	H_2SO_3	_____	26.	HIO	_____
27.	HNO_4	_____	28.	$HClO_4$	_____
29.	H_3PO_4	_____	30.	$HC_2H_3O_2$	_____

Part V. Write the formula for each of the following:

31. Sodium Nitride _____
32. Chlorine(V) oxide _____
33. Aluminum Arsenide _____
34. Sulfur(IV) oxide _____
35. Sulfurous Acid _____
36. Phosphorus(V) chloride _____
37. Manganous acetate _____
38. Phosphoric Acid _____
39. Barium Fluoride _____
40. Hydrophosphoric Acid _____
41. Iron(II) Iodide _____
42. Cuprous Oxide _____
43. Iron(II) hydrogen sulfate _____
44. Dibromine pentoxide _____
45. Cobalt(III) Chloride _____
46. Ferric Chloride _____
47. Hypoiodous Acid _____
48. Phosphorus(V) oxide _____
49. Mercuric silicate _____
50. Carbon(IV) Chloride _____
51. Lithium Hydroxide _____
52. Pernitric Acid _____
53. Strontium Bromate _____
54. Oxygen(VI) fluoride _____
55. Copper(II) Chlorate _____
56. Silver Oxalate _____
57. Chlorous Acid _____
58. Aluminum Dichromate _____
59. Potassium Chromate _____
60. Dinitrogen tetroxide _____
61. Stannous hydroxide _____
62. Carbon monoxide _____
63. Iron(III) Permanganate _____
64. Hydrotelluric Acid _____
65. Sodium Peroxide _____
66. Zinc Nitrate _____
67. Hydrosulfuric Acid _____
68. Sodium bicarbonate _____
69. Barium Thiosulfate _____
70. Cesium Chloride _____
71. Copper(II) perbromate _____
72. Chloric Acid _____
73. Sodium Perchlorate _____
74. Sulfuric Acid _____
75. Potassium bromite _____
76. Acetic Acid _____
77. Cobalt(II) nitrite _____
78. Carbonic Acid _____
79. Ammonium sulfite _____
80. Nickel(III) Carbonate _____
81. Calcium Hypochlorite _____
82. Nitric Acid _____
83. Copper(II) Hypobromite _____
84. Chromium(III) Cyanide _____
85. Hypophosphorous Acid _____
86. Nitrous Acid _____
87. Cesium hydrogen Sulfite _____
88. Silicon(II) bromide _____
89. Perbromic Acid _____
90. Silver bisulfate _____
91. Sulfur trioxide _____
92. Hypochlorous Acid _____
93. hydrogen bromide _____
94. Rubidium Sulfide _____
95. Zinc dihydrogen phosphate _____
96. Iron(III) Nitrate pentahydrate _____
97. Hydrobromic Acid _____
98. Perchloric Acid _____
99. Calcium Chloride dihydrate _____
100. Copper(I) Bromide _____