

Nomenclature: Quiz 1b

/5

1. *Write the following chemical formulas*

- a) dicarbon pentabromide _____
- b) manganese (II) phosphate _____
- c) potassium oxalate _____
- d) tin (II) dichromate _____
- e) radium monohydrogen phosphate _____

2. *Name the following compounds*

- a) CCl_4 _____
- b) $\text{Zn}(\text{ClO}_3)_2$ _____
- c) Hg_2SO_4 _____
- d) $\text{Pb}(\text{HSO}_3)_4$ _____
- e) As_3Cl_5 _____

Answers:

1. *Write the following chemical formulas*

- a) dicarbon pentabromide C_2Br_5 ✓
- b) manganese (II) phosphate $Mn_3(PO_4)_2$ ✓
- c) potassium oxalate $K_2C_2O_4$ ✓
- d) tin (II) dichromate $SnCr_2O_7$ ✓
- e) radium monohydrogen phosphate $RaHPO_4$ ✓
- 1/2 mark each*

2. *Name the following compounds.*

- a) CCl_4 Carbon Tetrachloride ✓
- b) $Zn(ClO_3)_2$ Zinc Chlorate ✓
- c) Hg_2SO_4 Mercury (I) Sulphate ✓
- d) $Pb(HSO_3)_4$ Lead (IV) Bisulphite (or Hydrogen Sulphite) ✓
- e) As_3Cl_5 Triarsenic Pentachloride ✓