

1.

Which elements are present in hydrogen carbide

- A hydrogen and silicon
- B hydrogen and sulphur
- C hydrogen and carbon
- D hydrogen only

2.

What is a possible name for the compound CuBr_2

- A copper bromate
- B copper bromite
- C copper bromide
- D copper bromine

3.

What is the name of the compound Au_2O_3

- A gold (I) oxide
- B gold (II) oxide
- C gold (III) oxide
- D gold (IV) oxide

4.

What is the chemical formulae for sodium permanganate?

- A NaMn
- B NaMnO_4
- C SMn
- D SMnO_4

5.

Determine the ionic formulae for iron (II) hydroxide

- A Fe^+OH^-
- B $\text{Fe}^{2+}(\text{OH}^-)_2$
- C $\text{Fe}^{3+}(\text{OH}^-)_3$
- D $\text{Fe}^{4+}(\text{OH}^-)_4$

6.

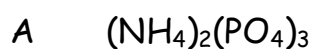
What is the charge on the tin ion in tin dichromate , SnCr_2O_7 ?

You may wish to use the data booklet to help you

- A $2+$
- B $2-$
- C $+$
- D $-$

7.

Determine the chemical formulae for ammonium phosphate



8.

Determine the chemical formulae for dinitrogen dioxide



9.

What does the ionic formulae Na^+Cl^- represent?

A The simplest ratio (1:1) of sodium and chloride ions

B There is only one sodium ion and one oxide ion

C There are 2 sodium ions and 2 chloride ions

D The ions are free to move

10.

What is the charge on a lithium ion in lithium nitride Li_3N ?

- A +
- B 2+
- C 3+
- D 4+