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Homework Assignment

Chemistry

Class=IX

Dt.30/11/21

MCQ (1X 10 =10)

1. The Atomicity of ozone, sulphur, phosphorus and argon are respectively:

(a) 8, 3, 4 and 1 (b) 1, 3, 4 and 8 (c) 4, 1, 8 and 3 (d) 3, 8, 4 and 1

1. The symbol of a metal element which is used in making thermometers is:

(a) Ag (b) Hg (c) Mg (d) Sg

1. One of the following elements has an atomicity of ‘one’. This element is:

(a) Helium (b) hydrogen (c) sulphur (d) ozone

1. The English name of an element is potassium, its Latin name will be:

(a) plumbum (b) cuprum (c) kalium (d) natrium

1. If 1.4 g of calcium oxide is formed by the complete decomposition of calcium carbonate, then the amount of calcium carbonate taken and the amount of carbon dioxide formed will be respectively:

(a) 2.2 g and 1.1 g (b) 1.1 g and 2.5 g (c) 2.5 g and 1.1 g (d) 5.0 g and 1.1g

1. One nm is equal to:

(a) 10-9 mm (b) 10-7 cm (c) 10-9 cm (d) 10-6 m

1. In hydrogen peroxide (H2O2), the proportion of hydrogen and oxygen by mass is:

(a) 1: 8 (b) 1: 16 (c) 8: 1 (d) 16: 1

1. The symbols of the element cobalt, aluminium, helium and sodium respectively written by a student are as follows. Which symbol is the correct one?

(a) CO (b) AL (c) He (d) So

1. The atomic number of an element X is 13. What will be the number of electrons in its ion X3+?

(a) 11 (b) 15 (c) 16 (d) 10

1. A particle X has 17 protons, 18 neutrons and 18 electrons. This particle is most likely to be:

(a) a cation (b) an anion (c) a molecule (b) a compound