

multiple choice

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1: Which of the following is not a pure element ?

A Copper

B Oxygen

C Neon

D Steel

2: Which two properties of metals make them particularly useful in modern life ?

A Conductive of heat and electricity

B Sonorous and malleable

C Shiny and hard

D High melting points and hard

3: The nucleus of any atom contains ?

A Electrons only

B Protons only

C Neutrons only

D Neutrons and protons

4: What are the correct symbols for aluminium, iron and gold ?

A Na Al Cu

B Al Fe Au

C Ti Al K

D Li Na K

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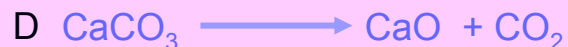
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5: Which of the following equations is not balanced correctly ?



6: What is the chemical name for limestone, marble or chalk ?

A Carbon dioxide

B Calcium carbonated

C Calcium carbonate

D Calcium oxide

7: In countries with acid rain, limestone is added to lakes. This reaction is called ?

A Condensation

B Hydrogenation

C Polymerisation

D Neutralisation

8: The correct formulae for haematite and bauxite are ?



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C $\text{CH}_4 + \text{O}_2 \longrightarrow \text{CO}_2 + \text{H}_2\text{O}$

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A Fe_2O_3 Al_2O_3

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9: If the formula for pentane is C_5H_{12} , the formula for nonane would be ?

A CH_4

B C_2H_6

C C_9H_{20}

D $C_{12}H_{26}$

10: The main cause of acid rain is from which of the following gases ?

A Sulphur dioxide

B Carbon monoxide

C Oxygen

D Neon

11: Limestone is an important material for the manufacture of ?

A Bricks

B Cement

C Copper

D Plastics

12: What is the only product produced when hydrogen is burnt in a car engine ?

A Carbon dioxide

B Carbon monoxide

C Water

D Hydrogen peroxide

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