ENGLAND GCSE COMBINED SCIENCE EDEXCEL FOUNDATION · UNIT 10 · 5 QUESTIONS

Key Concepts in Chemistry — Practice Test

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1 **A calculator runs on a small current. What is current measured in?**

- A ohms, the unit of resistance
- B watts, the unit of power
- C amperes
- D volts, the unit of voltage

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2 **The maximum possible mass of product is 100 g. A student makes 90 g. What is the percentage yield?**

- A 180%
- B 80%
- C 90%
- D 100%

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3 **Silver coins conduct electricity well. Why?**

A they have free electrons

B they are shiny and reflective

C they are cold

D they are heavy

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4 **What is the charge on a sodium ion?**

A Na^+

B Na

C Na^-

D Na^{2+}

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5 **What was Thomson's plum pudding model?**

A a tiny solid ball that cannot be divided at all

B a small nucleus with shells around it

C a ball of positive charge with electrons in it

D a cloud of electrons with no centre

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ANSWER KEY

1. C
2. C
3. A
4. A
5. C

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