ENGLAND GCSE COMBINED SCIENCE AQA TRILOGY HIGHER · UNIT 17 · 25 QUESTIONS

Using Resources — Practice Test

This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, use the Flag a mistake button so it can be fixed.

1 **A cheese pizza contains cheese made from milk. What is milk rich in?**

- A calcium
- B vitamin C
- C iron
- D fibre

Understand It with Pulse | Flag a mistake

2 **A sailing ship uses the wind. What type of energy is wind?**

- A thermal energy
- B chemical energy
- C kinetic energy
- D potential energy

Understand It with Pulse | Flag a mistake

3 **A river is polluted by fertiliser. What grows too fast in the water?**

- A fish
- B algae
- C trees
- D reeds

Understand It with Pulse | Flag a mistake

4 **Fishing boats float on water. Why do they float?**

- A they displace enough water
- B they are made of metal, which floats
- C they have sails that catch the wind
- D they are heavy and sink slowly

Understand It with Pulse | Flag a mistake

5 **A chocolate cake rises in the oven. What makes it rise?**

- A the flour melts
- B the egg evaporates
- C the sugar freezes
- D a gas is made

Understand It with Pulse | Flag a mistake

6 **A forest provides a habitat. What does habitat mean?**

- A how an organism breeds
- B when an organism sleeps
- C what an organism eats
- D where an organism lives

Understand It with Pulse | Flag a mistake

7 **What is a life cycle assessment?**

A an assessment of a product's colour and appearance

B an assessment of a product's strength and durability

C an assessment of a product's cost over its life

D an assessment of a product's environmental impact

Understand It with Pulse | Flag a mistake

8 **An alloy is 50 percent copper. How much copper is in 200 kg of the alloy?**

A 100 kg

B 125 kg

C 200 kg

D 75 kg

Understand It with Pulse | Flag a mistake

9 **A town sends 200 tonnes of waste to landfill per week. How much waste is that in one year?**

- A 10500 tonnes
- B 20800 tonnes
- C 10300 tonnes
- D 10400 tonnes

Understand It with Pulse | Flag a mistake

10 **A town uses 1000 litres of water per day. How much water does it use in one week?**

- A 7000 L
- B 14000 L
- C 6000 L
- D 8000 L

Understand It with Pulse | Flag a mistake

11 **Glass is recycled at 75 percent. How much of 400 tonnes of glass is recycled?**

- A 275 tonnes
- B 600 tonnes
- C 300 tonnes
- D 325 tonnes

Understand It with Pulse | Flag a mistake

12 **How is pure water made from sea water?**

- A by filtration
- B by sedimentation
- C by chlorination
- D by distillation

Understand It with Pulse | Flag a mistake

13 **A town recycles 50 percent of its 200 tonnes of waste. How many tonnes are recycled?**

- A 120 tonnes
- B 100 tonnes
- C 80 tonnes
- D 150 tonnes

Understand It with Pulse | Flag a mistake

14 **What is the reactivity series?**

- A a list of metals in order of mass and size
- B a list of metals in order of colour and shine
- C a list of metals in order of reactivity
- D a list of metals in order of density and mass

Understand It with Pulse | Flag a mistake

15 **An alloy is 75 percent copper. How much copper is in 200 kg of the alloy?**

A 125 kg

B 150 kg

C 175 kg

D 300 kg

Understand It with Pulse | Flag a mistake

16 **A town uses 2000 litres of water per day. How much water does it use in one week?**

A 15000 L

B 28000 L

C 13000 L

D 14000 L

Understand It with Pulse | Flag a mistake

17 **A town recycles 50 percent of its 500 tonnes of waste. How many tonnes are recycled?**

- A 250 tonnes
- B 230 tonnes
- C 300 tonnes
- D 270 tonnes

Understand It with Pulse | Flag a mistake

18 **Why is recycling metals good?**

- A it makes metals stronger and harder
- B it makes metals cheaper to buy
- C it saves energy and resources
- D it makes metals heavier to carry

Understand It with Pulse | Flag a mistake

19 **A town sends 100 tonnes of waste to landfill per week. How much waste is that in one year?**

- A 5200 tonnes
- B 10400 tonnes
- C 5100 tonnes
- D 5300 tonnes

Understand It with Pulse | Flag a mistake

20 **Glass is recycled at 50 percent. How much of 400 tonnes of glass is recycled?**

- A 225 tonnes
- B 400 tonnes
- C 175 tonnes
- D 200 tonnes

Understand It with Pulse | Flag a mistake

21 **A town recycles 75 percent of its 400 tonnes of waste. How many tonnes are recycled?**

- A 320 tonnes
- B 280 tonnes
- C 350 tonnes
- D 300 tonnes

Understand It with Pulse | Flag a mistake

22 **An alloy is 50 percent copper. How much copper is in 400 kg of the alloy?**

- A 175 kg
- B 400 kg
- C 200 kg
- D 225 kg

Understand It with Pulse | Flag a mistake

23 **Why is recycling metals useful?**

- A it makes metals stronger
- B it makes metals cheaper to mine
- C it stops rust
- D it saves energy and resources

Understand It with Pulse | Flag a mistake

24 **Glass is recycled at 75 percent. How much of 200 tonnes of glass is recycled?**

- A 125 tonnes
- B 175 tonnes
- C 300 tonnes
- D 150 tonnes

Understand It with Pulse | Flag a mistake

25

What is electrolysis?

A using water to split a compound apart

B using light to split a compound apart

C using electricity to split a compound

D using heat to split a compound apart

Understand It with Pulse

Flag a mistake

ANSWER KEY

1.	A	**10.**	A	**19.**	A
2.	C	**11.**	C	**20.**	D
3.	B	**12.**	D	**21.**	D
4.	A	**13.**	B	**22.**	C
5.	D	**14.**	C	**23.**	D
6.	D	**15.**	B	**24.**	D
7.	D	**16.**	D	**25.**	C
8.	A	**17.**	A		
9.	D	**18.**	C		

© 2026 Brett Robbins. All Rights Reserved.