

Past-paper walk-through

Uses of metals ■ 9.2

eXercise

Questions in this set

- 0620/21 J25 Q25 ■ 1 mark

Question 25

0620/21 J25 ■ Q25 ■ 1 mark

- 25** Which statement about the properties and uses of copper is correct?
- A** It is used in electrical wiring, and it is ductile.
 - B** It is mixed with tin to make the alloy brass.
 - C** It is used in overhead electrical cables because it has a low density.
 - D** It is used in takeaway food containers because of its resistance to corrosion.

Solution 25

Answer: **A**

Why

- Copper is a good conductor and ductile, so it can be drawn out into wire.
- Brass is copper with *zinc*; bronze is the tin alloy.
- Overhead cables use aluminium, because it is much lighter.