

Design & Technology
AQA A-Level

Classification of materials

Materials required for questions

- Pencil
- Rubber
- Calculator

Instructions

- Use black ink or ball-point pen
- Try answer all questions
- Use the space provided to answer questions
- Calculators can be used if necessary
- For the multiple choice questions, circle your answer

Advice

- Marks for each question are in brackets
- Read each question fully
- Try to answer every question
- Don't spend too much time on one question

Good luck!

Q1. Which of the following is a ferrous metal?

- A** HSS
- B** Duralumin
- C** Pewter

Q2. Which of the following is a hardwood?

- A** Cedar
- B** Beech
- C** Pine

Q3. Which of the following is a thermoplastic?

- A** ABS
- B** Urea formaldehyde
- C** Polyester resin

Q4. Which of the following is a modern material?

- A** Electroluminescent wire
- B** SMA
- C** Kevlar

Q5. Identify the specific material classification of gold (1 mark)

Q6. Identify the specific material classification of neoprene (1 mark)

Q7. Identify the specific material classification of potopak (1 mark)

Q8. Identify the specific material classification of aluminium composite board (1 mark)

Q9. Identify the specific material classification of titanium (1 mark)

Q10. Identify the specific material classification of pewter (1 mark)

Answers

Q1. A

Q2. B

Q3. A

Q4. C

Q5.

Non-ferrous

Q6.

Elastomer

Q7.

Biodegradable polymer

Q8.

Composite

Q9.

Non-ferrous

Q10.

Non-ferrous alloy (Accept Alloy)