

Design & Technology

AQA GCSE

Papers and boards

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. When using marker pens, which paper should we use to avoid ink leaking through the paper?

- A** Bleed proof
- B** Cartridge
- C** Layout

Q2. A designer has been asked to create load-bearing furniture from card or board. Identify the most suitable material for this project.

- A** Foil lined board
- B** Corrugated card
- C** Solid white board

Q3. A designer needs to create precise technical drawings with guidelines. Which paper is most suitable?

- A** Grid
- B** Layout
- C** Tracing

Q4. Which paper is translucent and commonly used for copying designs by hand?

- A** Grid
- B** Layout
- C** Tracing

Q5. Which board has a fluted middle layer, making it lightweight yet strong for packaging?

- A** Foil lined board
- B** Corrugated cardboard
- C** Solid white board

Q6. A designer needs to create food packaging. Which board is ideal?

- A** Foil lined board
- B** Corrugated cardboard
- C** Solid white board

Q7a. A packaging designer is creating a luxury gift box for chocolates. The box needs to;

- Prevent moisture from reaching the chocolates
- Have a high-quality printed surface for branding
- Be sturdy enough to protect the contents during shipping

Q7a. Identify the most suitable board for this project **(1 mark)**

Q7b. Justify your choice by explaining two properties of this board that meet the requirements **(2 marks)**

Answers

Q1. A

Q2. B

Q3. A

Q4. C

Q5. B

Q6. A

Q7a.

- Foil lined board

Q7b.

Award 1 mark per valid point (max 2):

- Moisture resistance (foil barrier prevents humidity damage).
- High-quality print surface (smooth finish for vibrant branding).
- Structural rigidity (sturdy enough for shipping).
- Hygienic/food-safe (foil lining protects chocolates).