**Design & Technology**

**AQA GCSE** Logo

Description automatically generated with low confidence

**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).