**Design & Technology**

**AQA GCSE** Logo

Description automatically generated with low confidence

**Textiles**

**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 natural fibre?

**A** Silk

**B** Polyester

**C** Nylon

**Q2.** Why synthetic fibre is sometimes called Lycra?

**A** Polyester

**B** Polyamide

**C** Elastane

**Q3.** Identify the textile fabric shown below?

A close-up of a woven pattern

AI-generated content may be incorrect.

**A** Felted fabric

**B** Knitted fabric

**C** Woven fabric

**Q4.** Identify the textile fabric shown below?

Close-up of a grey knitted fabric

AI-generated content may be incorrect.

**A** Felted fabric

**B** Knitted fabric

**C** Woven fabric

**Q5.** Give two reasons why blended and mixed fibres are used in clothing **(2 marks)**

**Answers**

**Q1**. A

**Q2**. C

**Q3**. C

**Q4**. B

**Q5.**

Typical basic responses:

* to produce different fibres with more desirable/enhanced properties
* improve durability in the fibre
* make fabric easier to care for
* make clothing less likely to shrink or crease.

You may see more detailed responses:

* to produce different fibres with more desirable/enhanced properties, eg polyester can mitigate against shrinkage, creasing and slower drying speed
* make a yarn (blend of two or more fibres) to make a better product
* improve durability in the fibre, eg poly-cotton (polyester and cotton mix) • produce clothing more cheaply, eg poly-cotton is a cheaper material than pure cotton
* use of cotton with a synthetic material makes it more breathable hence comfortable to wear
* fabrics can be heat-set, eg trousers with a crease, anti-crease fabrics
* similar appearance to natural materials, eg cotton, and can accept a print or dye easily.