

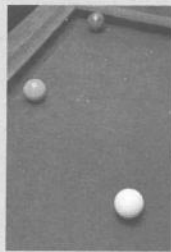
# Textiles and Manufactured Boards

**Warm-Up**

For each textile product shown below, suggest which type of fabric construction (woven, knitted or non-woven) would most likely have been used.



A



B



C

A: .....

B: .....

C: .....

1 Which **one** of the following types of fabric is made by combining pressure, moisture and heat to interlock a mat of wool fibres?

- A Mixed fabrics
- B Felted fabrics
- C Knitted fabrics
- D Woven fabrics

[1 mark]

2 What are bonded fabrics?

.....  
.....

[2 marks]

3 A cotton polyester blend is a popular fabric for clothes. State **two** properties of a cotton polyester blend.

1. ....  
2. ....

[2 marks]

4 Which **one** of the following statements is **not** true?

- A A plain weave is made by passing the weft yarn over and under alternate warp yarns.
- B Woven fabrics are made using a loom.
- C The warp yarn travels from right to left across the weave, and the weft yarn travels up and down the weave.
- D The edge of a plain weave, where the weft yarn wraps around the warp yarn, is called the selvedge.

[1 mark]

5 Which **one** of the following statements about plywood is **not** true?

- A Plywood is made up of several layers of wood that are glued together.
- B The layers of wood are arranged so that the grain direction is the same in each layer.
- C Plywood is strong for its weight and thickness, compared with solid wood.
- D Plywood is often used in building and furniture.

[1 mark]

6 Fibres can be combined by blending or mixing to give fabrics that incorporate the properties of the different fibres used. Explain the difference between a blended fabric and a mixed fabric.

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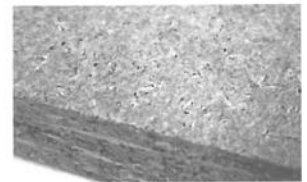
[2 marks]

7 **Figure 1** is a photo of a manufactured board.

a) Name the type of manufactured board shown in **Figure 1**.

.....

[1 mark]



**Figure 1**

b) State **one** product that it could be used in.

.....

[1 mark]

8 A charity orders T-shirts made from a plain weave fabric, with its logo printed on them. Give **one** reason why a plain weave fabric is a good choice for the T-shirts.

.....

.....

[2 marks]

9 **Figure 2** shows a flat-pack cupboard that has been painted white.

Name a manufactured board that would be suitable for making the flat-pack cupboard shown in **Figure 2**. Give **two** reasons for your answer.

Name: .....



**Figure 2**

Reasoning: .....

.....

.....

[3 marks]

Score:  / 16

