

Textiles and Design

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- General Instructions**
- Reading time – 5 minutes
 - Working time – $1\frac{1}{2}$ hours
 - Write using black pen

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- Total marks: 50**
- Section I – 10 marks** (pages 2–4)
- Attempt Questions 1–10
 - Allow about 15 minutes for this section

- Section II – 24 marks** (pages 5–8)
- Attempt Questions 11–13
 - Allow about 45 minutes for this section

- Section III – 16 marks** (pages 9–12)
- Attempt BOTH Question 14 and Question 15
 - Allow about 30 minutes for this section

Section I

10 marks

Attempt Questions 1–10

Allow about 15 minutes for this section

Use the multiple-choice answer sheet for Questions 1–10.

- 1** A textile designer receives orders to make more garments after a celebrity is seen wearing their dress.

To which of the following factors is the designer responding?

- A. Ecological
 - B. Political
 - C. Social
 - D. Technological
- 2** Which of the following is the best example of mass-produced textile items?
- A. Handmade wedding dresses
 - B. Made-to-measure business suits
 - C. Underwear sold in a department store
 - D. Couture garments for a fashion show
- 3** Why do manufacturers of textile products include care instructions on their labels?
- A. To aid brand identification
 - B. To meet consumer demand
 - C. To provide public education
 - D. To satisfy government legislation
- 4** Which fabric finish is required by law to be applied to textile furnishings used in a public cinema?
- A. Soil resistant
 - B. Fire retardant
 - C. Stain retardant
 - D. Water resistant

- 5 Many Australian textile designers are outsourcing the manufacture of their products overseas.

Which of the following factors is most likely to have led to this trend?

- A. Increased local tariffs
- B. Lower production costs
- C. Improved quality of production
- D. Growth in market appeal of imported products

- 6 A local swim club places an annual order for swimming costumes which require a fabric with a multicoloured, all-over pattern that incorporates the club logo and swimmer's name.

Which technique would best suit these requirements?

- A. Digital printing
- B. Screen printing
- C. Hand embroidery
- D. Machine embroidery

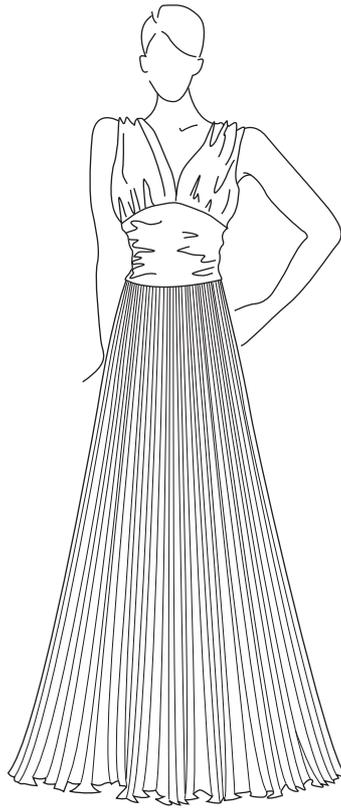
- 7 Which of the following items best demonstrates the influence of culture on textile design?

- A. A microfibre suit produced in Japan
- B. A beaded bag with an Indian paisley motif
- C. A woollen jumper made from Australian wool
- D. A designer's collection to be shown at Paris Fashion Week

- 8 Which stage of dyeing allows a textile manufacturer to quickly respond to new colour trends in fashion?

- A. Fabric
- B. Fibre
- C. Solution
- D. Yarn

- 9 The sketch shows the design of a formal dress.



Which properties of a nylon microfibre fabric make it suitable for use in the formal dress shown?

- A. Shrink resistant, cool to wear
 - B. Silk-like appearance, absorbent
 - C. Smooth handle, good conductor of heat
 - D. Good drape, excellent heat-setting ability
- 10 Which fibre, yarn and fabric combination would be most suitable for a child's kite?

	<i>Fibre</i>	<i>Yarn</i>	<i>Fabric</i>
A.	Nylon	High twist multifilament	Plain weave
B.	Polyester	Low twist staple	Twill weave
C.	Acrylic	Textured multifilament	Plain weave
D.	Rayon	Soft spun staple	Twill weave

2017

HIGHER SCHOOL CERTIFICATE
EXAMINATION

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Centre Number

Textiles and Design

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Student Number

Sections II and III Answer Booklet

Instructions

- Write your Centre Number and Student Number at the top of this page
- Use this answer booklet for Sections II and III
- Answer BOTH Sections
- Follow the instructions inside this booklet as to where you should write your answers

Please turn over

Section II

24 marks

Attempt Questions 11–13

Allow about 45 minutes for this section

Answer the questions in the spaces provided. These spaces provide guidance for the expected length of response.

Question 11 — Australian Textile, Clothing, Footwear and Allied Industries (8 marks)

- (a) How does the design of active sportswear reflect changing consumer demand? **2**

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- (b) Describe a suitable marketing strategy for a new range of sun protection clothing for teenagers. **3**

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- (c) Explain how ONE aspect of textile production uses resources in an environmentally sustainable manner. **3**

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Question 12 — Design (8 marks)

- (a) Describe the relationship between trends in society and the work of a designer you have studied. **4**

Designer studied:

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- (b) Explain ONE influence on historical design development in a focus area you have studied. **4**

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Question 13 — Properties and Performance of Textiles (8 marks)

(a) What are bicomponent yarns? **2**

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(b) Outline the advantages to the consumer of using washable webs. Use an example to support your answer. **3**

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(c) To what extent has the introduction of computer-aided manufacture (CAM) affected manufacturing in the textile industry? **3**

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