

**JUNIOR LYCEUMS ANNUAL EXAMINATIONS 2001**  
Educational Assessment Unit - Education Division

**FORM 4**

**NEEDLECRAFT**

**TIME: 1hr 30 mins**

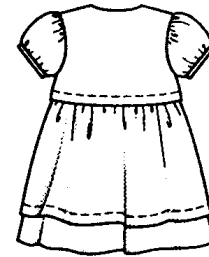
Name: \_\_\_\_\_

Class: \_\_\_\_\_

1. Look at the sketches of girls' dresses below. They have the same basic shape.  
a) Name **three** differences in the styles.



Style A



Style B

- a. Differences in style (i) \_\_\_\_\_  
 (ii) \_\_\_\_\_  
 (iii) \_\_\_\_\_ (3 marks)

- b. Name an occasion where these dresses can be worn.

\_\_\_\_\_ (1mark)

- c. Suggest a colour scheme for style B. Explain where you will use this colour scheme.  
*(Use at least two colours.)*

**Colour of:** dress: \_\_\_\_\_  
 buttons: \_\_\_\_\_  
 matching *top stitch* thread: \_\_\_\_\_  
 decoration: \_\_\_\_\_ (2 marks)

- d. Style A has a set-in sleeve. Using diagrams and short notes, explain how to insert the sleeve into the armhole.

**Diagrams**

**Notes**

- (i) \_\_\_\_\_  
 (ii) \_\_\_\_\_  
 (iii) \_\_\_\_\_  
 (iv) \_\_\_\_\_

(2, 4 marks)

e. **Draw** the sleeve pattern piece of **Style A**. Show on this pattern piece the **alterations** that need to be made to make the sleeve like the one in style B.

(2, 2 marks)

f. Suggest another decoration instead of the one shown for style B. Explain how you would carry out this decoration. Use diagrams to illustrate your answer.

**Type of decoration:**

(1 mark)

**Diagram**

**Method**

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

(iii) \_\_\_\_\_

(2, 3 marks)

g. List **four** of the small equipment needed to make this decoration.

(i) \_\_\_\_\_ (ii) \_\_\_\_\_

(iii) \_\_\_\_\_ (iv) \_\_\_\_\_

(4 marks)

h. This dress is made from 100% coloured cotton. Using notes and symbols explain how you would wash, dry and iron this dress.

	Washing	Drying	Ironing
<b>symbols</b>			
<b>notes</b>			

(3, 3 marks)

i. Why are these **two** styles especially suitable for children's wear. Give **two** reasons.

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

(2 marks)

2. Read the paragraph and answer the following questions.

**New Denim**

The latest denims not only feel good – they are also wonderfully easy to work with. There is no more need for a special denim needle – the lighter and softer properties of the newer fabrics mean they can be stitched with a standard needle. Plus your favourite jeans will also dry quicker.

a. Name **two** properties of new denim fabrics.

(i) \_\_\_\_\_ (ii) \_\_\_\_\_ (2 marks)

b. Denim is not just for jeans anymore. Name **two** other garments that can be made from denim fabric.

(i) \_\_\_\_\_ (ii) \_\_\_\_\_ (2 marks)

c. Design and name **two** fashionable accessories that you can make from denim.

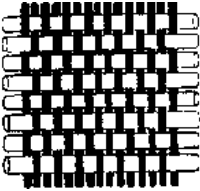
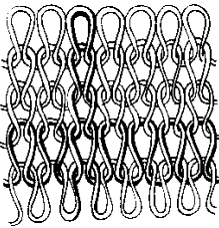
**Design**

**Name**

(i) \_\_\_\_\_ (ii) \_\_\_\_\_  
 (i) \_\_\_\_\_  
 (ii) \_\_\_\_\_

(1, 2 marks)

3. The sketches below show **two** methods of making fabrics. Complete the chart below by stating **two** different properties of each fabric and a brief description of the process of making the cloth.

Method	Two Properties of Fabric	Description of Process
(i)   • _____	• _____  • _____	• _____  • _____
(ii)   • _____	• _____  • _____	• _____  • _____

(2, 2, 2 marks)

4. Study the table below to help you answer the questions that follow:

World Production of Principle Fibres, 1989, 1000 tonne units		
polyester	8,431	(19.9%)
polyamide	3,789	
acrylic	2,452	
polypropylene	1,000	
viscose	2,877	
acetate, triacetate	450	
other man-made	240	
<b>Total man-made</b>	<b>19,239</b>	<b>(45%)</b>
cotton	17,582	(41.5%)
flax	500	
hemp	1,100	
jute	1,650	
sisal	300	
wool	1,936	
silk	75	
<b>Total natural</b>	<b>23,143</b>	<b>(55%)</b>
<b>World Fibre Production:</b>	<b>42,382</b>	<b>(42 million tonnes)</b>

- a. What is the most popular fibre in world production?  
 \_\_\_\_\_ (1 mark)
- b. How do you account for the greater popularity of that fibre?  
 (i) \_\_\_\_\_  
 (ii) \_\_\_\_\_ (2 marks)
- c. Which is the most popular man-made fibre?  
 \_\_\_\_\_ (1 mark)
- d. Explain why this is so.  
 (i) \_\_\_\_\_  
 (ii) \_\_\_\_\_ (2 marks)
- e. Fabrics can be produced by blending fibres together. List **two** advantages of blending fibres.  
 (i) \_\_\_\_\_  
 (ii) \_\_\_\_\_ (2 marks)

f. Why is silk so unpopular?

- (i) \_\_\_\_\_
- (ii) \_\_\_\_\_

(2 marks)

5. Appearance and cost, though important, are not the only criteria (*reason*) for choosing and buying clothes. There are also other important factors to consider if you want to get value for money.

a. Name **two** other factors to look for when buying clothes.

- (i) \_\_\_\_\_
- (ii) \_\_\_\_\_

(2 marks)

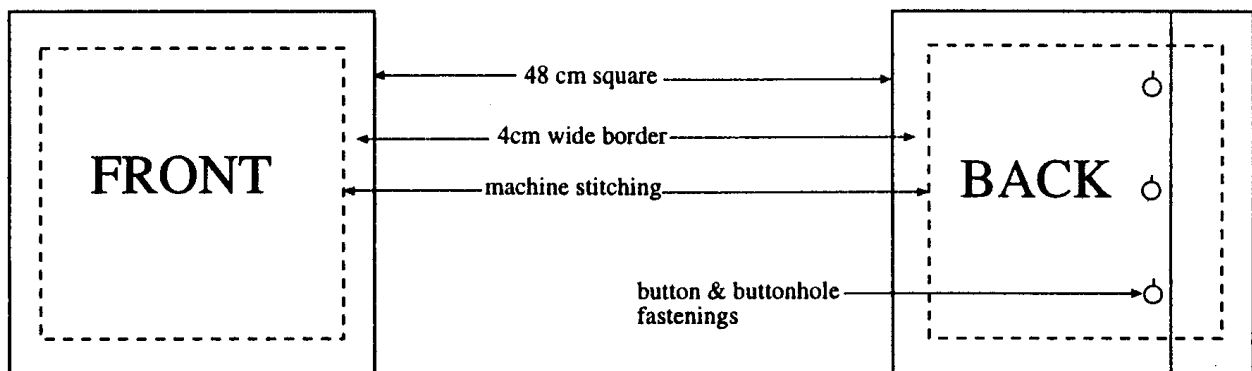
Advertising, particularly that aimed at young people is cleverly designed to make you feel you cannot do without the product.

b. Name **two** things you can do to avoid impulsive buying.

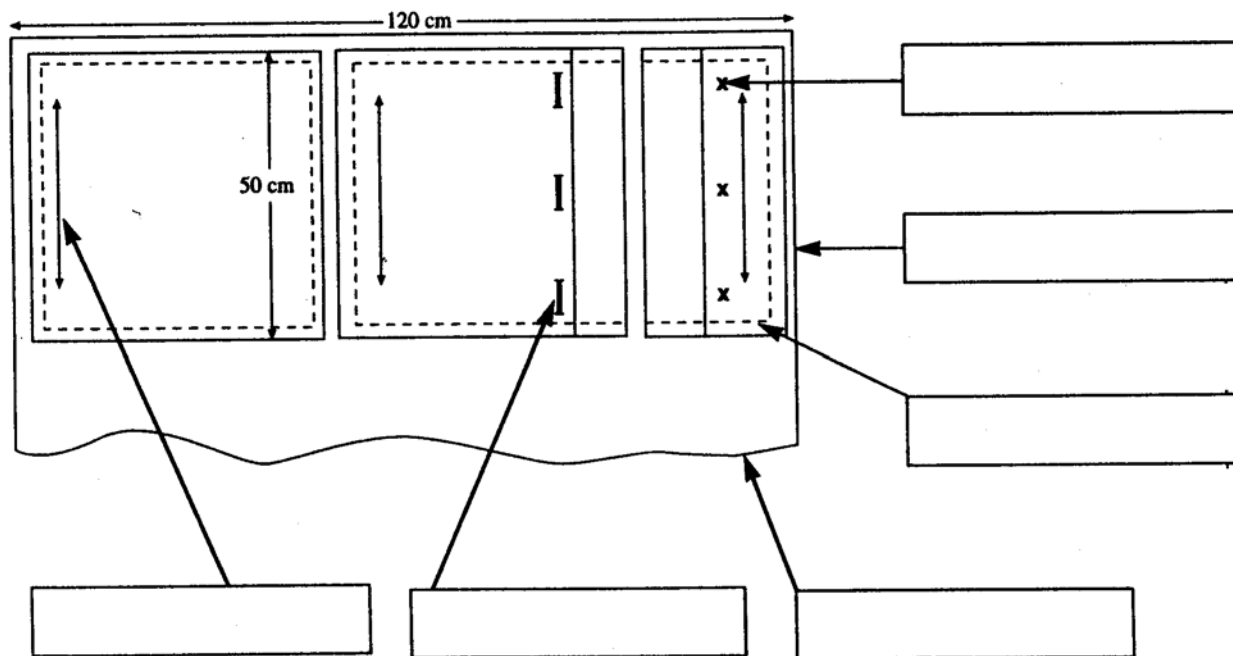
- (i) \_\_\_\_\_
- (ii) \_\_\_\_\_

(2 marks)

6. Your mother has decided to change the cushions for the sitting room. She has chosen the cushion cover pattern below. (figure 1)



The pattern will be placed on 120cm wide fabric as shown below.(figure 2) Study it carefully and answer the following questions.



a. From the measurements given, calculate how much fabric will be required to make **two** cushions.  
**Fabric Required** \_\_\_\_\_ (1 mark)

b. The pattern will be placed on 120cm wide fabric as shown in figure 2. Write each of the words given in figure 2 in the correct box on the diagram.

- selvedge
  - place on straight grain
  - seam allowance
  - buttonhole
  - button position
  - fabric
- (6 marks)

c. Explain what is meant by each of the following terms:

- (i) **selvedge** \_\_\_\_\_
- (ii) **straight grain** \_\_\_\_\_
- (1, 1 mark)

d. The cushion covers are fastened with buttons and buttonholes. Give **one** way in which the buttonholes' marking can be transferred from pattern onto fabric.  
 \_\_\_\_\_ (1 mark)

e. Name **two** other methods of fastening the cushions. Give **one** advantage of using each method instead of buttons.

(i) **Method** \_\_\_\_\_

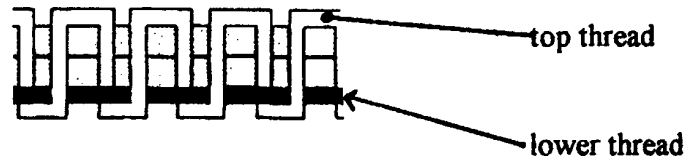
**Advantage** \_\_\_\_\_

(ii) **Method** \_\_\_\_\_

**Advantage** \_\_\_\_\_

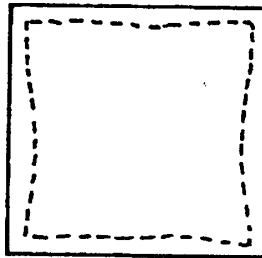
(2, 2 marks)

f. (i) The machine stitch looks like this



It can be put right by \_\_\_\_\_ (2 marks)

(ii) The machine stitched border is not at an even distance from the edge of the cushion.



It can be avoided by \_\_\_\_\_ (2 marks)

g. Give instructions on how to work the seam to sew the cushion together. Use diagrams to support your answer.

**Name of seam** \_\_\_\_\_

(1 mark)

**Diagrams**

**Instructions**

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

(iii) \_\_\_\_\_

(2, 3 marks)

h. These cushions are to be coloured using Tie dying or Batik. Suggest a suitable fabric.

Give a reason for your choice.

**Fabric** \_\_\_\_\_

**Reason** \_\_\_\_\_

(2 marks)

i. Give the fibre content and construction of the fabric chosen.

**Fabric content** \_\_\_\_\_

**Type of construction** \_\_\_\_\_

(1, 1 mark)

j. The sitting room colour scheme is in tones of **Brown**. Suggest a colour scheme to be used for the cushions. Give **two** colours.

(i) \_\_\_\_\_ (ii) \_\_\_\_\_

(1 mark)

k. Give clear instructions for using Tie and Dye / Batik to colour the cushions.

**Technique chosen** \_\_\_\_\_

**Instructions** (i) \_\_\_\_\_

(ii) \_\_\_\_\_

(iii) \_\_\_\_\_

(iv) \_\_\_\_\_

(v) \_\_\_\_\_

(vi) \_\_\_\_\_

(6 marks)

l. Once the fabric is dyed it must not run and it must not fade after washing. What must be done to achieve this?

\_\_\_\_\_

\_\_\_\_\_

(2 marks)

m. The filling for the cushions is made of polyester.

Give **two** advantages of using this filling for a cushion.

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

(2 marks)