Index Number:_____ SEC44/s1.23s



MATRICULATION AND SECONDARY EDUCATION CERTIFICATE EXAMINATIONS BOARD

SECONDARY EDUCATION CERTIFICATE LEVEL 2023 SUPPLEMENTARY SESSION

SUBJECT: Fashion and Textiles

PAPER NUMBER: Synoptic – Unit 1

DATE: 2nd November 2023

TIME: 8:30 a.m. to 10:35 a.m.

THIS PAPER SHOULD BE RETURNED TO THE INVIGILATOR AFTER THE EXAMINATION.

For examiners' use only:

Question	1	2	3	4	5	6	7	8	Total
Score									
Maximum	6	8	8	8	12	8	8	12	70

Answer **ALL** questions in the space provided.

Scenario

- A group of students is interested in studying for a Bachelor's Degree in Fashion and Textiles.
- Their school organised a career week in which they were given more information about the various careers found in the fashion industry.

		,	
Qu	estion 1		K-1 (6 marks)
	They learnt that they could work makers. List FOUR other careers	-	
(Career 1:		(0.5
(Career 2:		(0.5
	Career 3:		
(Career 4:		(0.5
	Match FOUR careers to the different petween them.		nion industry by drawing a line
		Fashion Industry	
	Sector		Careers
	Design		Sewing machine operator
	Manufacture	 -	Stylist
	Marketing and promotion	_	Buyer
	Retail		Pattern maker
c. [Describe the following sectors for	und in the fashion industry.	(2)
[Design Sector:		
_			
-			
-			
_			
_			

____(1)

Retail Sector:	_
	_
	_
	6

Question 2 K-2 (8 marks)

To prepare for their bachelor's degree, the students decided to participate in sewing techniques and equipment workshops.

a. Label the **FOUR** tools and equipment required for basic sewing skills provided in Table 1.

Table 1: Tools and Equipment for basic sewing skills

	Sewing tools and equipment	Name of the tools and equipment
i.	(Source: https://www.macmillandictionaryblog.com)	(0.5)
ii.	(Source: https://en.wikipedia.org)	(0.5)
iii.	(Source: https://toolly.de)	(0.5)
iv.	(Source: https://ijshome.com.mt)	(0.5)

b. Match **FIVE** tools and equipment required for sewing to their specific function by drawing a line between them.



Function

Makes it possible to iron a garment without causing a crease in the sleeve.

Used for transferring marks onto paper or cloth without causing harm to the materials.

Stitch threads through cloth and other soft materials.

Used for cutting textiles and has a useful point for clipping and notching curves.

Used for taking body measurements, but it may also be used for pattern making, measuring fabric, defining the length of a garment, verifying the size of hems, and measuring curtains, quilts, and other items.

(2)

c. Select **FOUR** specific tools required to put up the hem of a pair of trousers by hand. Underline



Question 3 K-3 (8 marks)

a. Label **FIVE** different parts of the sewing machine shown in Figure 1.



Figure 1: Sewing machine (Source: https://www.canadiantire.ca)

Part 1:	(0.4)
Part 2:	(0.4)
Part 3:	(0.4)
Part 4:	(0.4)
Part 5:	(0.4)

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spool pin bobbin winder	needle position selector power switch				
Table	e 2: The Sewing Machine				
Part of the Sewing Machine	Function Assists in winding the thread on the bobbin and distributing the bobbin thread so that it is consisted with the tightness of the top sewing machine threat				
	Turns the sewing machine on and off.				
	Where the reel of thread is placed.				
	Allows you to alter the location of the sewing machin needle.				
Describe ONE remedy for each of the following under presser for	following common faults when using the sewing mach				
	following common faults when using the sewing mach				
	following common faults when using the sewing mach				
	following common faults when using the sewing mach				
Material not moving under presser for	following common faults when using the sewing mach				
Material not moving under presser for	following common faults when using the sewing mach				

_____(1)

Puckered seam:	
	8
(1)	ل

Question 4 K-4 (8 marks)

- a. Label the **FOUR** sewing techniques shown in Table 3 below. (2)
- b. Classify each sewing technique by ticking [/] the correct category in Table 3 below. (2)

Table 3: Sewing Techniques

	Table	3: Sewing Techniques					
			(Tick 1	egory the c nswe	orre	ct
	Sewing Technique	Label (a)	Hems	Fasteners	Stitches	Neatening	Seams
i.	(Source: https://sewsweetness.com/)						
ii.	(Source: https://grainlinestudio.com/)						

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			Category (b) (Tick the correct answer)				ct
	Sewing Technique	Label (a)	Hems	Fasteners	Stitches	Neatening	Seams
iii.	YWWWWWWWWW						
	(Source: https://historicalsewing.com)						
iv.							
	(Source: https://www.cucicucicoo.com)						
. Sta	ate the use of each of the FOUR sew	ving techniques shown in Table 3	3.				
							(4)

Question 5 C-2 (12 marks)

a. Apart from poor ambient light and incorrect storage of equipment, outline **FOUR** other hazards

During the workshop, the students learnt about the Health and Safety procedures.

that could be encountered when using sewing tools and equipment.	
Hazard 1:	
Hazard 2:	
Hazard 3:	
Hazard 4:	
Explain ONE measure to prevent each of the following hazards.	
Incorrect storage of equipment:	
	(3

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Poor ambient light:
Discuss the following TWO Health and Safety Legislations which need to be considered in a Fashiand Textiles environment
LN 44 of 2002 - Work Place (Minimum Health and Safety Requirements) Regulations:

N 36 of 2003 - General Provisions for Health and Safety at Work Places Regulation	s:
	(2)
nario continued	

S

- - The manufacturing of fibres and fabrics
 - o The construction process of different fabrics
 - $\circ\hspace{0.1in}$ The properties and finishes of textile items.

Question 6	K-7 (8 marks)
a. Define staple and filament fibres.	
Staple fibres	
	(1)
Filament fibres	(1)
	(1)

o. Outline the difference between ${f Z}'$ and ${f S}'$ twis	sts in yarns.
	(2)
c. Describe the construction process of the follo	wing TWO different fabrics:
Satin Weave	Weft Knit
	(4)
Question 7	K-8 (8 marks)
. Name FOUR different properties of fabrics.	
Fabric property 1:	(0.5)
Fabric property 2:	(0.5)
Fabric property 3:	(0.5)
Fabric property 4:	(0.5)

List TWO mechanica	l and TWO chem	ical finishes use	ed on fabrics.		
lechanical Finishes	i		ii		
hemical Finishes	i		ii		
					(2)
Describe the function Question 7b.	n of ONE mecha	anical and ONE	chemical fini	sh from the c	nes listed in

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Question 8	C-5 (12 marks)

a. (Categorise the	different	creative	techniques	provided	below	into	applied	or	constructed	١.
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	Creative Te	chniques		
tie-dye	hand and machine embroid	ery croc	het	patchwork
Applied o	creative techniques	Construct	ed creat	ive techniques
xplain the diffe	erence between applied and	l constructed	processe	s of creative tex
ciiiiques.				
escribe the proc extile technique.	cess of ONE applied creative to	extile technique	and ON I	E constructed crea

	4
	12
(4)	• =
(7 /	

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