MATRICULATION AND SECONDARY EDUCATION CERTIFICATE EXAMINATIONS BOARD UNIVERSITY OF MALTA, MSIDA

SECONDARY EDUCATION CERTIFICATE LEVEL

MAY 2017 SESSION

SUBJECT: Textiles and Design

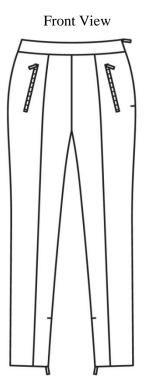
PAPER NUMBER:

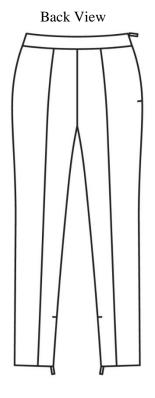
DATE: 9th May 2017

TIME: 9:00 a.m. to 11:05 a.m.

Answer **ALL** questions.

1. An economical and workable closet requires timeless trousers styles that cover a woman's major daily activities all year round. The following diagram shows the front and back view of a pair of trousers.







(Source: Burdastyle 9/2016)

- a) Point out **THREE** fashion features found on the trousers.
 - i) ______(½)
 - ii) ______ (½)
 - iii) ______ (½)

b)	For which body figure would this type of trousers be suitable? Gi answer.	ive ONE reason for your
	Type of body figure:	(1)
	• Reason:	
		(2)
c)	Name ONE occasion where this trousers could be worn.	(1)
d)	Suggest ONE type of fabric and ONE colour that can be used to make reason for your answer.	te the trousers. Give ONE
	• Fabric type: Colour:	(1)
	• Reason:	
		(2)
e)	Suggest ONE type of machine needle and ONE type of thread s trousers. Give ONE reason for your answer.	
	Type of machine needle:	(1)
	Type of thread:	(1)
	• Reason:	
		(2)
f)	List TWO sewing notions needed to make this trousers.	
	•	(1)
,		(1)
g)	Name the type of pocket that is found on this pair of trousers.	
	Type of pocket:	(1)

i)

h) Another type of pocket is the patch pocket. With the help of the following diagrams, explain in **FIVE** steps how to work and attach the following pocket.

Patch pocket W.S.	Pocket R.S.
Mitred Neatened corner raw edges	Patch pocket machined in position on R.S. of garment. (Source: Needlework Notebook
	(
	(
	(
sed to make this pair of trousers is	a zip. With the help of diagram
s how to sew a zip to the side seam.	
	Patch pocket W.S. Neatened raw edges sed to make this pair of trousers is

		-	
		-	
		-	
		-	
		-	
		-	
		-	
		-	
			(3, 3)
j)	Name a suitable and different fastener for the	following:	
	• a winter coat:		
	• a biker's leather jacket:		(1/2)
	• a toddler's top:		(½)
k)	List TWO types of permanent stitches which allowance.	n should be	used to neaten the edges of the seam
	•		(1)
	•		(1)
1)	Suggest ONE type of hem one should use who your answer.	en finishing	off this trousers. Give ONE reason for
	Hem type:		(1)
	• Reason:		
			(2)

m)	Sk	etch a top/	shirt that can be	worn with this j	pair of	trousers.			
			Front Vie	ew.		Ва	ck View		(2)
								(Total	l: 35 marks)
2.	Pa	ttern maga	zines are an esse	ntial tool for cr	eating a	ınd sewii	ng desired clo	othes.	
a)	i)	instructio	O important poir ons before you				3° 8	IPKNII	MANIPA
		pattern.				(1/2)	3 SIA Vale Per Per Inc.	4 set mar	
		•				(1/2)			
							(S	ource: www. _{	google.com.mt)
	ii)	Suggest	how one should o	decide the size	of the p	attern.			
									(1)
b)	i)	Name the	e following patter	n markings tha	t are us	ually fou	nd on pattern	n magazine	S.
		-		- 35		Market specific processors		\blacktriangle	
		&							
			No. 202 200		****		~	~~	

This question continues on next page.

(3)

		·	
i) Name the followi	ng types of skirts found		
A	В	(c)	D
P	/////		
		Angen English and	
			(Source: www.google.c
ii) In the space pro	vided, draw the pattern	pieces required to mal	ke skirt A. Include
pattern symbols y	ou find in the magazine	s.	

Po	cke	ets	7	Waistband	
			<u>, </u>		(5,1
iii)	Ex	xplain ONE way how you car	identify the	right side from the wrong side of fabric.	
					(1
iv)	W	hat advice should be given w	hen placing th	he pattern on:	
	•	a checked fabric:	 		
					(1
	•	a fabric with a pile:			
					(1
	•	a fabric with a one-way desi	gn:		
					(1
i)			stband. Why	is it important to insert a layer of interfac	ing i
	the	e waistband?			
					(1
ii)	Th	he diagram below represents a shade the area where the inte	•	tband on the wrong side (WS). On the diag	ram:
	•	draw the foldline of the inter	· ·		
				(WS)	
					$\frac{1}{2}, \frac{1}{2}$

	•	(1)
	•	(1)
iv)	With the help of the following diagrams, fill in the method of how to sew the waistband the skirt. Snip Length of waist	l to
	• Cut (measurement of waist + 8cm) and interfacing (vilet same measurement as finished band.	ne)
	• Tack onto W.S. band. Machine stitch overlapping end to form point and one straight en	nd.
	Trim away extra fabric. Turn to Pre	ess.
	and machine band onto fitting line of trousers so t	hat
	pointed end sticks out and overlaps right over left. Trim away ex	
	Turn band over to outside.	
	Turn a along seam line of band. Tack and machine in positions are seamled the seamlest of the seam	ion
	so that it covers line of stitching showing through W.S. Finish off. Add a fastening.	(3)
i)	Name ONE suitable fabric for skirt B. Give a reason for your answer.	
	Fabric:	(1)
	Reason:	
		(2)
ii)	Give ONE reason why pressing is important when working pleats.	

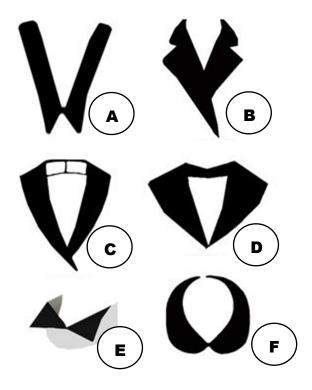
(Total: 35 marks)

3. The blouse is a basic garment found in every woman's wardrobe.



(Source: www.google.com.mt)

- a) i) Identify the type of collar used on this blouse. ______(1)
 - ii) Look at the following types of collars and match with the correct name.



Peter Pan	
Notched	
Chelsea	
Tuxedo	
Sailor	
Shawl	

(Source: www.google.com.mt)

(3)

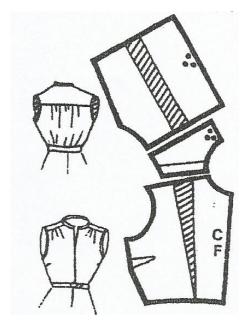
b) Name the type of sleeve used on this blouse.



i)	Give ONE example of garments where dropped sleeve is used.
i)	In the box below, draw the pattern of a dropped sleeve.
v)	Using diagrams, explain the FOUR steps how to attach a dropped sleeve.
	•
	•

d) 1)	Identify the method used to add fullness to the blouse.	
		1)

ii) One method of adding fullness to a blouse is by adding a yoke. By referring to the diagram below, put the steps of how to add a yoke, in order.



Cut the pattern out.	
For the back fullness cut the back pattern in half	
from the waist to the yoke end.	
Cut the pattern through from the yoke and almost to	
the waist. Spread the require amount at the yoke	
end and paste paper behind.	
Place the back and front shoulders together and	1
pencil round them on a piece of paper. Draw in the	
yoke. There is now no shoulder seam.	
Paste a strip of paper in the cut to give the desired	
amount of fullness.	

(4)

(Total: 19 marks)

Please turn the page.

4.		ar too much fashion ends up in landfills as every year thousands of tonnes of textiles own away with household waste.	are
		much as 95% of clothes thrown away could have been re-worn or recycled." (H&M Ground). Recycling and renovating clothes can solve this problem.	oup,
a)	i)	What is the purpose of renovating garments?	
			(2)
	ii)	List TWO points to observe when renovating garments.	
		•	(1)
		•	(1)
b)	List	FOUR examples of how one can renovate garments for children.	
	•		(1)
	•		(1)
	•		(1)
	•		(1)
c)	Sug	ggest THREE ways how one can care for garments daily in order to preserve them more.	
	•		(1)
	•		(1)
	•		(1)
		(Total: 11 mar	

C	FC	120	1/2	Δ	1	7m

MATRICULATION AND SECONDARY EDUCATION CERTIFICATE EXAMINATIONS BOARD UNIVERSITY OF MALTA, MSIDA

SECONDARY EDUCATION CERTIFICATE LEVEL

MAY 2017 SESSION

SUBJECT:	Textiles and Design	
PAPER NUMBER: DATE:	IIA 11 th May 2017	
TIME:	4:00 p.m. to 6:05 p.m.	
Answer ALL questions. SECTION A (40 marks)		
	appliance in the home. Identify TWO uses of steam	ı irons.
•		(2)
b. To ensure safety and carei) using a steam iron;	e, suggest ONE practice that should be followed wh	en:
ii) storing a steam iron.		(1)
		(1)
		(Total: 4 marks)
2a. Name the sewing machin	ne attachments that are suitable for the following pur	poses:
Purp	Name of attack	hment
To sew a zip		
To neaten the edges of a	seam	
_	nat tailors should consider when using a button hole	foot. (1)
		(2)
-		(Total: 3 marks)

	Dei	finition:			
	Exa	ample 1:		Example 2:	(2)
b.	Con	mpare the	benefits of buying cotto	n socks over polyester socks in terms of:	
	i)	health; _			
	ii)				
					(2)
c.	Αp	oair of cot	ton socks have the labels	below. Explain the meaning of EACH label.	
			****	Meaning:	
			Source: www.ec.europa.eu/		
			FAIRTRADE Certified Cotton	Meaning:	
			Source: www.siebenblau.de		
			40°	Meaning:	
			Source: www.google.com		
					(3)

	1	

Choose the microscopic view that represents cotton which has not been mercerised.

Source: www.chestofbooks.com

Source: www.chestofbooks.com

Diagram A Diagram B

	An	swer:	(1)
f.	Cot	ton can be given an easy care chemical finish.	
	i)	Explain briefly the chemical treatment.	
	ii)	Give ONE advantage and ONE disadvantage of the easy care treatment.	_ (1)
		Advantage:	
		Disadvantage:	
4a.		(Total: 12 may fabrics such as phosphorescent textiles 'glow in the dark'. With the aid of a diag gest ONE way how these fabrics could be used in garments for a:	-
	i)	functional purpose;	

ii)	decorative purpose.				
					(
				ndfills. From an environ	ment
poin	t of view, explain ONE	advantage of geo	textiles.		
				Source: www.cirtex	.co.nz
A	Advantage:				
<u> </u>					(
	vester is used for geotorester that make it suitab		ynthetic fibres. Or	utline TWO characteris	stics
pory	ester that make it suitat	de for uns use.			
• _					
• _		·			(
Sugs	gest a test that could be	e applied to polye	ester geotextile wove	en fabric to check if the	e fabi
	s, giving ONE reason for		ster geoteknie wove	on rubine to eneek it the	, iuoi
	Name of	test	Rea	ason for choice	
-					

(Total: 7 marks)

5. Observe the coat illustrated in the box below and answer the following questions:

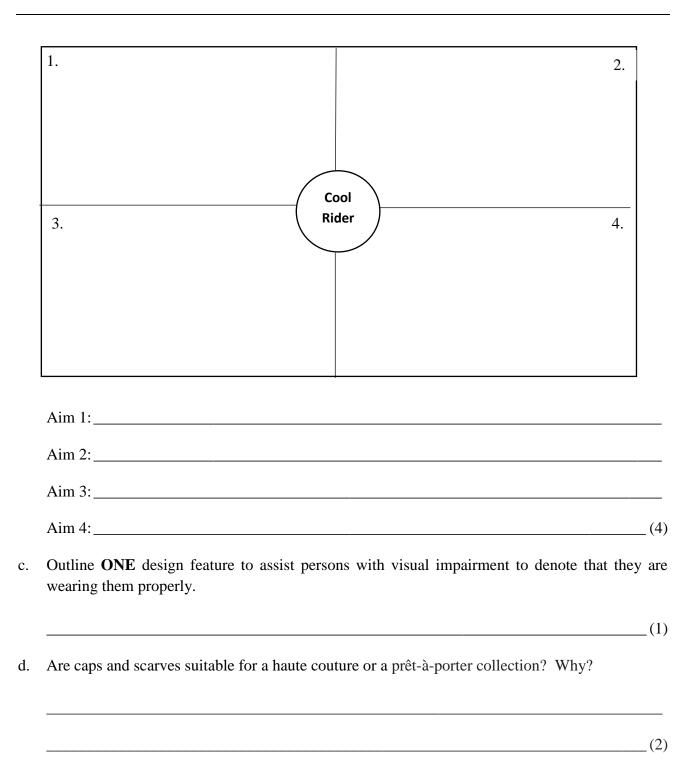


a.	Name of coat:	(1,
b.	Name of pockets:	(1)
c.	Name of sleeves:	(1)
d.	Is it a single or a double-breasted coat?	(1)
e.	What type of lining would you recommend to add warmth?	
		(1)
f.	Name the label attached to the coat, and explain its meaning.	
g.	Outline THREE properties of wool that make it suitable for this coat.	· · · · · · · · · · · · · · · · · · ·
	•	
	•	
h.	What type of laundering care would you recommend? Why?	
		(2)

i.	Suggest:
	• ONE chemical fabric finish to prevent (pilling) balls from forming on the surface of the
	fabric (1)
	• ONE chemical fabric finish to prevent the fabric from being attacked by insects.
	(1)
	(Total: 14 marks)
SE	CTION B (60 marks)
ба.	Warp knitting fabric is commonly used for sportswear. Which diagram represents warp knitting?
	Diagram A Diagram B
	Source: www.quora.com
	Answer: (1)
b.	Describe the construction of warp knitting.
	(1)
c.	Observe the diagrams below, and discuss the positive factors of using warp knitting over weaving for the garments illustrated.
	Source: www.planetdancedirect.co.uk Source: www.polyvore.com
	Factor 1:
	Tactor 1.
	Factor 2:

d.	Name a type of sewing machine needle that is suitable for knitted fabrics.	
	Name of needle:	(1)
e.	Name TWO types of sewing machine needles other than those you mentioned in part (d) give their function.	, and
	Name:	
	Function:	
	Name:	
	Function:	_ (4)
f.	List TWO guidelines that could be followed when sewing knitted fabrics.	
	Guideline 1:	
	Guideline 2:	
		_(2)
g.	Name ONE seam that is suitable for sportswear. Give ONE reason to justify your choice.	
	Name of seam:	
	Reason:	_(2)
h.	Give ONE recommendation for securing shoulder seams from stretching.	
		(1)

)
(4)				
ntioned in part (i). Give ONE	the trousers men	at is suitable		ame ON
	_		abric:	ame of fa
(2)				eason:
(Total: 20 marks)				
ves collection, for low budgets as cycling, skateboarding and	=		=	nd with
			nood board.	efine a m



•		
_		
•		
• _		
Giv	re ONE advantage and ONE disadvantage of using the following methods of payment:	
i)	Cash:	
	Advantage:	
	Disadvantage:	_ (2
ii)	Credit card:	
	Advantage:	
	Disadvantage:	_ (2
iii)	Cheque:	
	Advantage:	
	Disadvantage:	_ (2
Sug	ggest ONE safety precaution that should be observed when:	
i)	storing a credit card;	
		_ (1
ii)	paying for articles using a credit card.	
		_ (1

remov	ved cloth	scraping	wax	dye-bath	water	second	heatin
\Diamond	(i)	is appl	ied over t	he pencilled-i	n outline o	f the pattern	
		is applied in st				e area where	e the
	iii)	applic	ation of w	vax is applied			
	iv) The clo	th is dyed in tl	ne second	l	·		
		wax applied is					
		and and sp				y apprying	not
Nomo TV	VO tools that a	ould be used t	o ommly th	na vyov onto tl	a a falonia		
ivallie I v	VO tools that co	ouid be used t	о арргу и	ie wax oiito ti	ie faulie.		
	SWO safety pre			taken during			
Explain 1	wo salety pre	cautions that	siloulu oc	tuken during	the proces	s of bank.	

C	e TWO examples of:	
i)	Primary colours:	
ii	Secondary colours:	
	he box below, design an oriental inspired pattern suitable for the batik mural, and la our scheme based on a set of complementary colours.	ıbe
N	me TWO hand-embroidery stitches that could be used to decorate the design in part (h)).
C	line ONE advantage and ONE disadvantage of computer-controlled embroidery.	
	vantage:	

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$\begin{array}{c} \text{MATRICULATION AND SECONDARY EDUCATION CERTIFICATE EXAMINATIONS BOARD} \\ \text{UNIVERSITY OF MALTA, MSIDA} \end{array}$

SECONDARY EDUCATION CERTIFICATE LEVEL

MAY 2017 SESSION

	BJECT:	Textiles and Design					
	PER NUMBER:	IIB					
	TE:	11 th May 2017					
TIM	<u>1E:</u>	4:00 p.m. to 6:05 p.m.					
An	swer ALL questions.						
SE	CTION A (40 marks)						
1a.	Steam irons are a useful has been given.	appliance in the home	. Identify TWO uses of steam irons. An exampl	e			
	A steam iron removes	creases from fabric.					
	•			-			
	•		(2	.)			
b.	To ensure safety and care, suggest ONE way how to:						
	i) use a steam iron;						
			(1)			
	ii) store a steam iron.						
			(1)			
			(Total: 4 marks	;)			
2a.		ne attachments that ar	e needed for the following purposes. The picture	S			
Г	will help you out. Purpose	Picture	Name of attachment				
-		ricture	Name of attachment				
	To sew a zip						
-	To neaten the edges of a seam						

(1)

er socks.	natural fibres. Name 2:	
er socks.		
		me 1:
	on socks instead of polyester socks.	ve TWO advantages of usin
	halow Cive the magning of EACH	
	below. Give the meaning of EACH Meaning:	pair of cotton socks have the
		Common and the common
		Source: www.ec.eurc
	Meaning:	FAIRTRADE
		Certified Cotton
		Source: www.siebenl

	Calendaring	Mercerizing	Bleaching	(1)
	noose the microscopic view rt (d).	that shows cotton before	applying the fabric finish mention	ed in
	Source: w	www.chestofbooks.com	Source: www.chestofbooks.com	
	Diagran	n A	Diagram B	
Ar	nswer:			(1)
Co	otton can be given an easy can	re chemical finish.		
	·			
i)	What is an easy care fabric	e finish?		
				_ (1)
ii)	Give ONE advantage and	ONE disadvantage of the	easy care treatment.	_ (1)
ii)	_	-	•	_ (1)
ii)	Give ONE advantage and o	-	•	_ (1)
ii)	_	-	•	_ (1)
ii)	Advantage:		•	_ (1)
ii)	Advantage: Disadvantage:			(1)
ii)	Advantage: Disadvantage:			(2
ii)	Advantage: Disadvantage:			(2
ı. Th	Advantage: Disadvantage: de diagram below shows a un	iform made from phospho	(Total: 12 ma	(2
ı. Th	Advantage: Disadvantage:	iform made from phospho	(Total: 12 ma	(2
ı. Th	Advantage: Disadvantage: te diagram below shows a un ggest TWO other examples	iform made from phospho	(Total: 12 materials of the control	(2

d.

b. As illustrated below, geotextiles are widely used in engineered landfills. Fill in with the definition of geotextiles.

	Source: www.cirtex.co.nz
Geotextiles are	fabrics which, when used in association with
, have the	ability to separate, filter, reinforce, protect, or drain.
	(1
Polyester is used for geotextiles	s made of synthetic fibres. Outline TWO characteristics of
polyester that make it suitable for	•
polyester that make it suitable for	this use.
polyester that make it suitable for	test that should be applied to polyester to check if the fabric
Prom the box below, tick ONE	test that should be applied to polyester to check if the fabric
From the box below, tick ONE tears, giving a reason for your che	test that should be applied to polyester to check if the fabricoice.
From the box below, tick ONE tears, giving a reason for your che	test that should be applied to polyester to check if the fabricoice.

(Total: 7 marks)

5. Observe the coat illustrated in the box below and answer the following questions:



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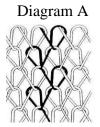
a.	Name of coat:	(1)					
b.	Name of pockets:	(1)					
c.	Name of sleeves:	(1)					
d.	Is it a single or a double-breasted coat?	(1)					
e.	Fleece lining was used for this coat. Give a reason why this lining is suitable for the above c						
		(1)					
f.	Name the following label found on this coat, and explain its meaning.						
	Name:						
	Meaning:						
Sour	cce: www.all-free-download.com						
g.	Outline THREE properties of wool that make it suitable for this coat. •						
	•	(3)					
h.	In the following table, complete the FOUR care label symbols to show how to care above coat.	for the					
		Ł					
		(4)					

(Total: 14 marks)

Please turn the page.

SECTION B (60 marks)

6a. Diagram A represents warp knitting fabric.



Source: www.en.wikipedia.org

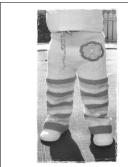


Source: www.iso.org

i) Do you recommend this type of knitting for ladies' stockings or tailored women's jackets? Why?

_____(1)

- ii) Name the type of knitting illustrated in Diagram B. _____(1)
- b. The diagram below illustrates a knitted and a woven pair of trousers for children. Identify **TWO** advantages of buying knitted trousers for children.



Trousers made of knitted fabric



Trousers made of woven fabric Source: www.google.com

Advantage 1: _____

Advantage 2: (2)

c. From the sewing machine needles illustrated below, choose **TWO** that are suitable for knitted fabrics. Give **ONE** reason for your choice.

universal

	jersey / ballpoint			
	stretch			
	jeans / denim			
	Microtex / sharp			
	leather			Source: www.en.wikipedia.org
	Needle 1:	_]	Needle 2:
	Reason:			(3)
	to a sewing machine. An example has be Example: Switch off the sewing machine. Precaution:	ne to en	sure that	, ,
e.	From the diagram below, choose Of Justify your choice.	NE suit	able sew	wing machine stitch for knitted fabrics.
	A	В	C	
	1 1 1	3	>>>	
				Source: www.crafts.tutsplus.com
	Stitch:			
	Reason:			(2)

i.

DO NOT WRITE ABOVE THIS LINE

Plain seam	French seam	Corded seam Source: www.sewingmachinejudge
Name of seam:		
Reason:		
Suggest ONE way how to preven	nt shoulder seams from s	tretching.
Change 1:		Source: www.en.fashionfrea
<u> </u>		
Change 2:		
n		
Name ONE blended fabric that cadvantage of blended fabrics.	could be used for the trou	users mentioned in part (h). Give C
Name of fabric:		

(Total: 20 marks)

In the mood board below, draw FOUR ideach idea could be used for the collection.	eas to develop the theme cool rider, and d	escribe
1.		
3.	Cool Rider	
Use of idea 1:		
Use of idea 4:		

d.	Define haute couture and prêt-à-porter.
	Haute couture:
	Prêt-à-porter:
e.	State TWO advantages of buying caps and scarves from clothes shops and from online stores. Clothes shops: Advantage 1:
	Advantage 2:
	Online stores: Advantage 1:
	Advantage 2:(4
f.	Identify TWO methods of payment that could be used when buying scarves and caps from a clothes shop. Give ONE advantage and ONE disadvantage for EACH method of payment.
	Method of payment 1:
	Advantage:
	Disadvantage:
	Method of payment 2:
	Advantage:
	Disadvantage:(6
g.	Why is it important for a card holder to: i) sign the card as soon as it is received?
	ii) store it away from the personal identification number (PIN)?
	(2

(Total: 20 marks)

What is bat	ik?						
Use the wor	rds in the bo	ox below, an	d fill-in t	he blanks to e	explain the	process of b	oatik.
removed	cloth	peeling	wax	dye-bath	water	second	heating
i.		•		utline of the p		e	is dyed.
ii.	Afor the sec	laye		is put. The		yed in the _	
iii.			and also	This is do			
Name the to	ools shown	below which	are used	during the pr	roduction o	of batik.	
			Tare asec			2	
	www.makeyo				Ţ.	rutodearte.con	
,		ution for eac		ii) the making of		hown below	
i)				ecaution:			
ii)	1500			ecaution:			
	25 82	199 1023					

Give ONE safety preca	nution that should b	e taken when sto	ring batik dyes.	
What type of colours a				
In the box below, design diagram where you will	•			batik. Labe
Many patterns can be	created by using d	ifferent embroide	ery stitches. Give TV	VO example
hand-embroidery stitch				
State ONE disadvantaș	ge of machine emb	roidery.		