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

#### SECONDARY EDUCATION CERTIFICATE LEVEL

#### **MAY 2016 SESSION**

SUBJECT: Textiles and Design

PAPER NUMBER:

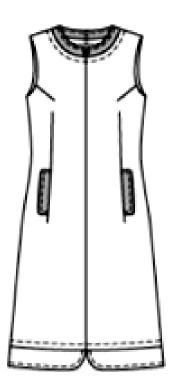
DATE: 3<sup>rd</sup> May 2016

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

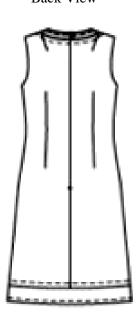
# Answer ALL questions.

1. Since the early 1990s, the awareness and demand for vintage clothing has increased drastically. The following dress was in fashion during the 1960s.

Front View



Back View



a) Give <b>TWO</b> reasons why vintage clothing increase in va	1)	Give T	WO	reasons	whv	vintage	clothing	increase	in	val
--	----	--------	----	---------	-----	---------	----------	----------	----	-----

i.	
;;	

(2 marks)

) In th	he space provided, draw th	ne pattern pieces	required to mak	te a replica (copy) of the	dress.
	Front	В	ack	Neck Facing	
	Pocket			Hem	
	e dress is made from two c two cutting layouts for the				(5 marks t (b), drav (6 marks
i.	Label the selvedge and	d fold on each fa	bric below.		(2 marks
	Main	fabric		Contrasting fabr	ric

e the <b>TWO</b> pattern pieces of the dress which are made of contrasting fabric.	
(1	mark)
est <b>ONE</b> colour and <b>ONE</b> type of fabric suitable for the dress and for the contrasting <b>ONE</b> reason for <b>EACH</b> answer.	fabric.
3	
abric type: Colour:	
eason:	
rasting fabric	
bric type: Colour:	
eason:	
(1, 2, 1, 2	marks)
i. Name the pattern symbol.	ess.
(1	mark)
ii. Why is this pattern symbol used?	
(1	mark)
is it important to transfer pattern symbols?	

i)	Pattern symbols can be transferred using the dressmaker's carbon paper and tracing wheel. Suggest <b>ANOTHER</b> method of transferring pattern markings.
	(1 mark)
j)	In <b>THREE</b> simple steps, explain how to use the dressmaker's carbon paper and tracing wheel to transfer the pattern markings.
	i
	ii
	iii
	(3 marks)
k)	A particular sewing technique is used around the neckline, hem and pockets of the dress.
5	i. Name this sewing technique.
1	(1 mark)
	ii. Give <b>TWO</b> reasons for using this sewing technique.
	D <del>                                    </del>
,	
	(2 marks)
	iii. Which type of machine stitching is used to carry out this sewing technique on the dress?
	(1 mark)
	iv. Suggest <b>ONE</b> type of needle and <b>ONE</b> type of thread suitable for this technique. Give a reason for your answer.
	• Type of Needle:
	• Type of Thread:
	• Reason:

(1, 1, 2 marks)

		(4, 5 marks)
n)	A replica (copy) of the dress is on sa when the dress could be worn.	le in a leading department store. Suggest ONE occasion
n)		le in a leading department store. Suggest <b>ONE</b> occasion (1 mark)
	when the dress could be worn.  Occasion:	
	when the dress could be worn.  Occasion:	(1 mark)  able for this type of dress. Give a reason for your answer.
m)	when the dress could be worn.  Occasion:  Suggest ONE type of body figure suita	(1 mark)  able for this type of dress. Give a reason for your answer.

Please turn the page.

2. This coat goes well with various fashionable dresses.



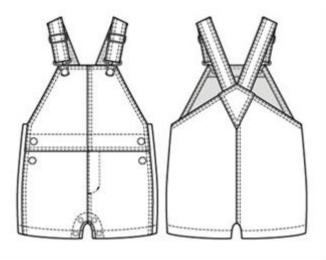
	bel <b>FOUR</b> fashion/style features found on the			(2 marks)
) i)	The buttons used for this coat are shank but garment?	tons. Why a	are they suitable for this type	pe of
ii)	With the help of diagrams, explain how to se	ew a button	with a shank	(1 mark
11)		-		
		-		
		_		
		_		
		_		
		-		
		_		
		_		

(6 marks)

•			(1 mark
A flat collar was used for this co	oat.	FOR	7
Explain how to cut out and mak			
•			
•			(4 marks)
) By referring to the diagram belo	ow, list the steps of l	now to attach this flat o	collar with the garment.
front join front and back facing at shoulder line			
RS back			
RS front			
RS front WS facing			

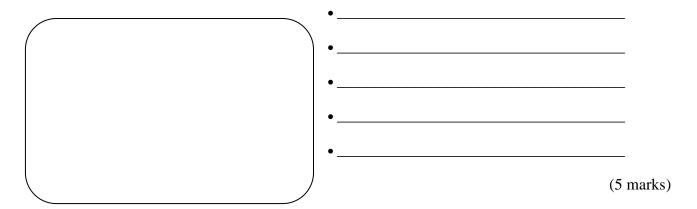
to	ertack seam inside bodice		(4 marks)
iii)	Mention another type of collar suit	able for this coat.	(1 mark)
d) i)	The coat is lined.  State <b>THREE</b> purposes of lining of	outfits.	
	•		
•••		1.	(3 marks)
ii)	Name THREE fabrics suitable for  •  •  •		
			(3 marks)

3. The following is a dungaree outfit suitable for a young child.



a)	A parent is planning to purchase the dungaree pictured above. Give <b>TWO</b> reasons why the style
	of the dungaree is suitable for a young child.
	•
	•
	(2 marks)
b)	The parent has asked your advice on:
i)	whether to buy denim or polyester dungarees. Give the reason for your suggested choice or
	dungarees.
	(2 marks)
ii)	how to make the dungaree more attractive. Suggest <b>THREE</b> ways how this can be done.
	•
	•
	•
	(5 marks)

c) Draw and explain **ONE** way how you would carry it out.



d) Name TWO items of clothing that can be worn with the dungarees.

\_\_\_\_\_

(1 mark)

4. Capes have become a stylish way to cover up during the winter months.



a) i) Using the following figure template, draw an ou	tfit that is suitable for <b>ONE</b> of the capes. (4 marks)
ii) Sketch also the shoes and accessories. (2 marks)	
iii) Label <b>FOUR</b> fashion features on the outfit drawn. (2 marks)	
b) Give the reason why the outfit is suitable to be worn with one of the illustrated capes.	
c) Name <b>TWO</b> colours which are suitable for the outfit.	
(1 mark)	

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

#### SECONDARY EDUCATION CERTIFICATE LEVEL

#### **MAY 2016 SESSION**

SUBJECT: Textiles and Design

PAPER NUMBER: IIA

DATE: 4<sup>th</sup> May 2016

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

Answer **ALL** questions.

# Section A (40 marks)

1. Weaving and knitting are two main ways in which yarns are made into fabric.

a) Gingham and denim are two fabrics made from cotton using different weaving methods. Complete the following table by answering the questions below.

i) Name the type of weave used to make each fabric.

(1, 1 mark)

ii) List TWO properties for each type of weave.

(2, 2 marks)

iii) Name **ONE** other fabric made from the same type of weave.

(1, 1 mark)

	Gingham	Denim
Name of weave		
Properties	•	•
Fabric		

iv)	Choose <b>ONE</b> of the weaving method in the				m or	den	im)	and	draw	the	pattern	produced	d by the
	Fabric Chosen:												
	-												
	L											(	(2 marks)
b) Kni	itting can be done by l	hand or	ma	chine.									
			i)								Name the	e type of	knitting
			ii) •	List <b>T</b> type or	f knit	ting.					of swea	aters don	(1 mark) e by this
			•										
iii)	Explain why hand-k	nitted g	arm	ents un	ravel	easi	ly.					(	(2 marks)
													(1 mark)
iv)	Name the other knit method.	ting me	etho	d and g	give (	NE	exa	mple	of a	n iter	n that ca	an be don	e by this
	Knitting method:												
	Example:							_					(1 mark)

	v)	Name <b>ONE</b> disadvantage of this type of knitting method mentioned in (iv) above.
		(1 mark)
2.	Fab	ric finishes are applied to fabrics for several reasons.
a)	Mei	ntion <b>TWO</b> reasons for applying finishes to fabrics.
	•	
		(2 marks)
b)	-	oor quality fabrics, a dressing is used to conceal their inferior quality. Explain what happens en dressed or 'sized' fabrics are washed.
		(2 marks)
c)	Mai	ny items of clothing used in industry are commercially treated with Proban®.
	i)	Why is this finish applied to specific items of clothing?
		(1 mark)
	ii)	Name <b>TWO</b> items of clothing that are worn by people working in specific risky occupations that may be commercial treated with a Proban® finish.
		(2 marks)
	iii)	Name <b>ONE</b> other treatment that can be applied commercially to achieve the same result.
		(1 mark)

Please turn the page.

iv) Complete the following care label found on an item of clothing treated with a Proban® finish.

	₩ Δ a o	
v)	Why should a soapless detergent be used to wash clothing that is treated with Prob	(4 marks) an®?
d) Fi	anallatta is made by brushing cotton	(2 marks)
i)	Explain the process of brushing cotton.	
ii)	Describe <b>ONE</b> positive property of brushed cotton.	(3 marks)
iii	Describe <b>ONE</b> disadvantage of brushing cotton.	(1 mark)
	he care label of garments with a water-repellent finish may indicate dry clean only.  Interest to keep in mind when preparing clothes for dry cleaning.	(1 mark)
•		(2 marks)

		(5 m	narks)
	Pressing		
	Sewing		
	Marking		
	Cutting		
	Laying out fabric		
	Stage	Factor to consider	
b) Wl		nsidered in each of the following stages:	iarks
a) Me	ention TWO types of sho		
4. Al	I sheer fabrics require sp	ecial handling.	
Section	on B (60 marks)	(1.1	mark)
b) Ex	plain the procedure she	needs to follow to remove a stain from the silk scarf.	
			narks)
D.	•		
a) Lis	st TWO ways how your	friend can take care of the scarf when NOT wearing it.	
	our best friend received en hand made.	a colourful silk scarf on her birthday. The label indicates that	it has

Please turn the page.

c) M	lention <b>ONE</b> type of seam suitable for a straight seam and <b>ONE</b> seam for a curved seam.
•	Straight seam:
•	Curved seam: (2 marks)
d) i)	You plan to sew a sheer top for your friend to wear on her birthday. On the figure template below, draw the front and the back view of the sheer top. (3 marks)
ii)	Label <b>FOUR</b> style features that provide texture and make the top less transparent. (4 marks)
	FRONT VIEW BACK VIEW
iii	Mention <b>TWO</b> hemming methods suitable for the designed top.
iv	(2 marks)  Explain why the garment needs to hang for at least 24 hours before marking the hemline.
	(2 marks)
5. O	ne way of adding design to fabrics is by using embroidery designs.
	the space given below, show how to embellish a cushion and a place mat using your mbroidery skill. (2 marks)

Cushion	Place mat
i) Label the decorations used, inclu	uding the embroidery stitches. (2 mar
ii) Using diagrams, describe how to	o work <b>ONE</b> embroidery stitch mentioned in part (i).
Name of embroidery stitch:	
	•
iii) Name <b>TWO</b> small pieces of equ	uipment used to work embroidery stitches (1 mag
iv) Name <b>TWO</b> colours that will be	e used for the cushion in part (i).
b) Another way of decorating fabrics is	
i) Tie and dye is a method of appl	lying colour to decorate a fabric. How should you prepare tess of tie and dye? Give a reason for your answer.
	(1 ma

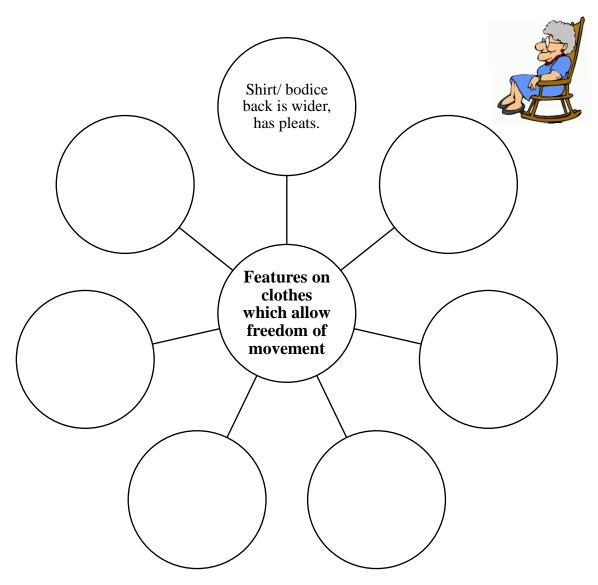
i) Complete the following flow chart with the steps of how to make tie and dye
Prepare the dye solution: Put the dye
Deil the minton and illument and a mine advant
Boil the mixture until you get a nice colour.
Tie the fabric with
The the fabric with
Wet the fabric so
Put the wet fabric in the dye and
Leave the fabric in the
Rinse the fabric thoroughly.
Cut out the

(6 marks)

	• •	
	ur sister has lost weight and needs some advice on how to create a new wardrobe.  List <b>FOUR</b> steps that she should follow before buying clothes.	
		(1 mark)
c) Mer mat	ation <b>TWO</b> other methods, apart from tie and dye, which could be used to colour	
		(3 marks)

 	 <del> </del>		

- b) Making decisions about clothing can increase independence for an elderly person.
  - i) Continue the following web-diagram by naming various features found on clothes which provide freedom of movement for elderly people. One has been given as an example.
     (6 marks)



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ii) Give <b>TWO</b> ideas of	on what an elderly person can wear for warm and cold environments.
• Warm environ	ment:
• Cold environm	nent:
	(3 marks)
iii) List <b>ONE</b> example following accident	e of clothing that an elderly person must <b>NOT</b> wear in order to avoid the s and problems:
FIRE	
FALLS	
USING THE WHEELCHAIR	
POOR CIRCULATION	

(4 marks)

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

#### SECONDARY EDUCATION CERTIFICATE LEVEL

#### **MAY 2016 SESSION**

SUBJECT: Textiles and Design

PAPER NUMBER: IIB

DATE: 4<sup>th</sup> May 2016

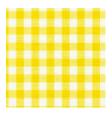
TIME: 9:00 a.m. to 11:05 a.m.

Answer **ALL** questions.

#### Section A (40 marks)

1. Weaving and knitting are two main ways in which yarns are made into fabric.

a) Gingham and denim are two fabrics made from cotton using different weaving methods.





Gingham

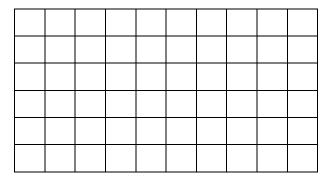
Denim

i) Match the following sentences.

1	Gingham is a	durable and crease easily.
2	In a plain weave the	for curtains, handkerchiefs and aprons.
3	Plain-woven fabrics are	are made using the plain weave.
4	Gingham can be used	plain-woven fabric.
5	Linen and calico	weft yarn goes over the warp yarn and under the next.

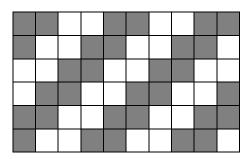
(5 marks)

ii) In the box given below, draw the pattern of a plain weave.



(2 marks)

iii) Denim has the following pattern when woven. State the name of this type of weave.



Name of weave: \_\_\_\_\_

(1 mark)

iv) Circle the **TWO** correct properties about this type of weave.

Weak

Durable

Strong

Soils easily

(1 mark)

v) Mention **ONE** other fabric made from the weave mentioned in part (iii).

(1 mark)

b) Knitting can be grouped into two main types: weft knitting and warp knitting.



i) This sweater was hand-knitted. Name the type of knitting method used to make the sweater.

(1 mark)

ii)	Knitted fabrics have different qualities from woven fabrics. Complete the following sentences by filling-in the blank spaces with the following words.
	loosely elastic flat resilient warmer
•	Knitted fabrics are more
•	They are also more which allows them to spring back into shape more easily.
•	When knitted more air can be trapped between the threads, making the fabric to wear.
•	Knitted fabrics should be dried
iii)	Mention <b>TWO</b> other items that can be hand knitted. (5 marks)
	(1 mark)
• <u>To</u>	ention <b>TWO</b> reasons for applying finishes to fabrics. <i>One has been given as an example.</i> improve the look and feel of a fabric.
•	
	(2 marks)
	friend is participating in a car racing competition. His racing driver suit is treated with ban®.
i)	Why is this finish applied to the racing driver suit? <i>Underline the correct answer</i> .
•	To make the racing suit more shiny.
•	To make the racing suit flame-retardant.
•	To make the racing suit water-proof.
	(1 mark)

ii)	Circle <b>ONE</b> othe	r similar treatment that	can be applied commo	ercially.	
	Mitin	Scotchguard	Pyrovatex CP	Zepel	(1 mark)
iii)	Mention TWO o	ther items to which this	finish could be applied	ed.	
iv)	Read the following	ng care label and compl	ete the symbols below	v.	(2 marks)
	_	should be washed in v ag warm temperature. It		soapless detergen	t. Do not use
			. 2	0	
c) Flai	nellette is made by	brushing cotton.			(4 marks)
i)	•	ess of brushing cotton. I	nclude the following	key terms:	
	hairy surface - fi	ne wire bristles - nap - o	air		
					(4 marks)
ii)	-	tence by circling the co		ackets.	
	Brushed cott	on is (cool, warm, unco	mfortable) to wear.		
	Brushed cott	on burns (very slowly, s	slowly, quickly, very	quickly).	
	Brushed cott	on is (soft, itchy, rough)	) to the touch.		(3 marks)

d)	The care label of some garments with a water-repellent finish may only be dry cleaned.	
	Mention <b>TWO</b> steps to keep in mind when preparing clothes for dry cleaning.	
•		
•		
		(2 marks)
3.	Your best friend received a colourful, hand-made silk scarf on her birthday.	
a)	List TWO ways how your friend can take care of the scarf when NOT wearing it.	
		(2 marks)
b)	Explain the method of removing a stain from the silk scarf.	
		(2 marks)

Please turn the page.

# Section B (60 marks)

- 4. All sheer fabrics require special handling.
- a) Mention **TWO** types of sheer/semi-transparent fabrics.

\_\_\_\_\_

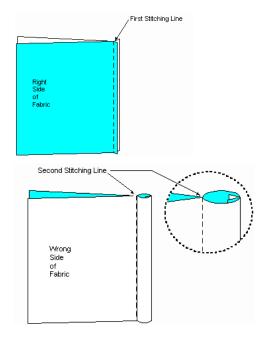
(2 marks)

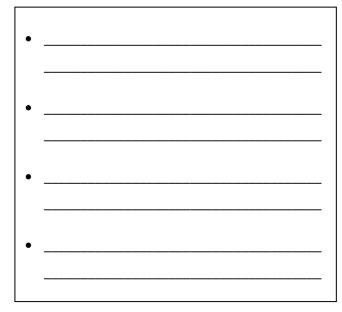
b) Match the **FACTORS** that need to be considered in each of the following **STAGES** when using sheer/semi-transparent fabric.

Stage	Factor to consider
1. Laying out fabric	Use pen/pencil and chalk OR use tailor's tacking.
2. Cutting	Check the amount of heat that the fabric can withstand.
3. Marking	Tape tissue paper the length and width of the fabric and pin the sheer to the paper.
4. Sewing	Make sure the scissors are sharp. Baste the fabric layers together.
5. Pressing	Loosen the machine tension slightly and use a size 8 to 11 (60 to 75) universal needle.

(5 marks)

c) A French seam is suitable for lightweight and sheer fabrics. In **FOUR** simple steps, explain how to make a French seam.

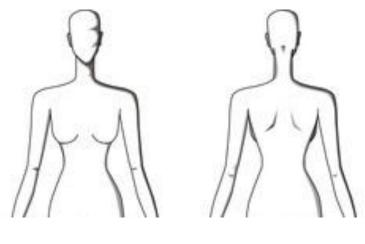




(4 marks)

d) i) You plan to sew a sheer top for your friend to wear on her birthday. On the figure template below, draw the front and the back view of the sheer top. (4 marks)

ii) Label **THREE** style features that provide texture and make the top less transparent. (3 marks)



**FRONT VIEW** 

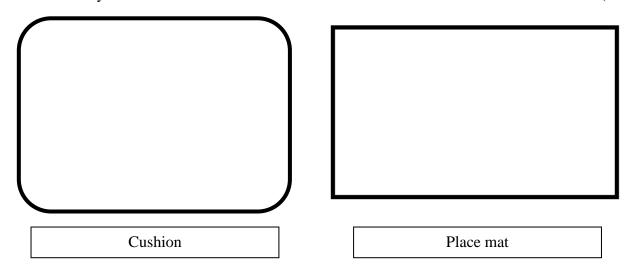
**BACK VIEW** 

iii) Explain why the garment needs to hang for at least one day before marking the hemline.

(2 marks)

5. One way of adding design to fabrics is by using embroidery stitches.

a) In the sketches given below, show how to decorate a cushion and a place mat using your embroidery skills. (4 marks)



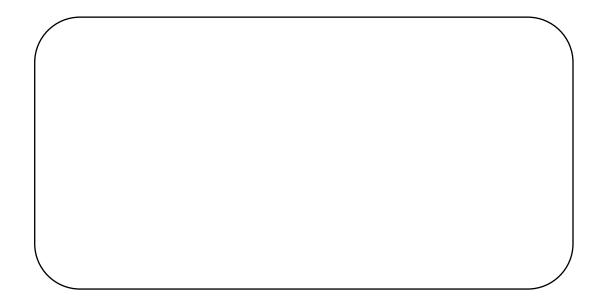
								(1 ma
ii)	Using diagrams, describe how to work <b>ONE</b> embroidery stitch mentioned in part (i)							
	Name	of emb	roidery stit	tch:				
					Method of work	ing the en	nbroidery stitch:	
					•			
								(3 mar
iii)	Tick <b>T</b>	CWO (v	∕) small pi	eces of ec			embroidery stitches.	(3 mar
Cr	Tick Tewel	CWO (v	() small pi Wax	eces of ec				(3 mar
Cr	ewel	TWO (v		eces of ec	quipment used to r		embroidery stitches.	(3 mar
Cre	ewel edle		Wax		quipment used to r	nake the e	embroidery stitches.  Embroidery hoop	
Cre	ewel edle		Wax		Hook used for the cushic	nake the e	embroidery stitches.  Embroidery hoop	
Cre nee	ewel edle Name	TWO	Wax colours that	at will be	Hook used for the cushic	nake the e	embroidery stitches.  Embroidery hoop  (i).	(1 ma
Cre nee	ewel edle  Name  other wa	TWO	Wax colours that	at will be	Hook  used for the cushic	nake the e	embroidery stitches.  Embroidery hoop  (i).	(1 ma
iv)	ewel edle  Name other wa	TWO	Wax colours that	at will be	Hook  used for the cushic	nake the e	Embroidery stitches.  Embroidery hoop  (i).	(1 ma

ii) Put in the correct order the following steps of how to make tie and dye. *The first two have been done for you.* 

	Tie the fabric with strings in patterns.
	Put the wet fabric in the dye and stir well until the fabric is warm.
1	Prepare the dye solution: Put the dye in the water. Add some salt.
	Wet the fabrics so that it will take the dye better by absorbing the coloured water more evenly.
2	Boil the mixture until you get a nice colour.
	Rinse the fabric thoroughly. Dry the fabric and cut out the strings.
	Leave the fabric in the dye for at least 10 to 12 hours.
	(6 marks)

(6 marks)

iii) Draw and explain how you would add a tie and dye design pattern to the cushion.



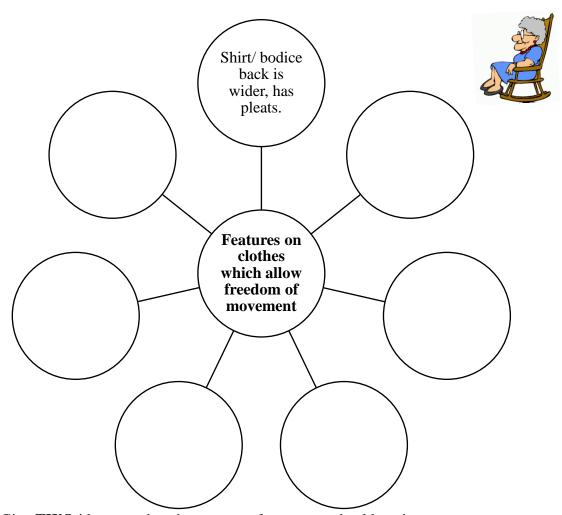
-	
-	
-	
-	(3 marks
	ur sister has lost weight and needs some advice on how to create a new wardrobe.
]	ur sister has lost weight and needs some advice on how to create a new wardrobe.  List <b>THREE</b> steps she should follow before buying clothes. <i>One has been given as an</i>
]	ur sister has lost weight and needs some advice on how to create a new wardrobe.  List <b>THREE</b> steps she should follow before buying clothes. <i>One has been given as an example</i> .
]	List <b>THREE</b> steps she should follow before buying clothes. <i>One has been given as an example.</i> Make a list of the essential pieces of clothing she really needs.
]	List <b>THREE</b> steps she should follow before buying clothes. One has been given as an example.  Make a list of the essential pieces of clothing she really needs.

ii) Tick  $(\checkmark)$  **SIX** important items of clothing she must have in her wardrobe.

1	Black dress	7	Blue jeans/ trousers
2	Waterfall cardigan	8	Button down neutral shirt
3	Black blazer	9	Cropped trousers
4	Knitted green jersey	10	Pink blazer
5	White cardigan sweater	11	Knee-length black skirt
6	Floral skater dress	12	Black leather trousers

(3 marks)

b) i) An elderly neighbour who lives on her own has asked your advice on the type of comfortable clothes that are suitable for her. Continue the following web-diagram by listing various features on clothes which provide freedom of movement. *One has been given as an example.*(6 marks)



- ii) Give **TWO** ideas on what she can wear for warm and cold environments.
- **Warm environment**: *E.g. Light-weight sweaters and jackets.*

\_\_\_\_\_

• Cold environment: E.g. Clothes that can be layered.

\_\_\_\_

(4 marks)

Please turn the page.

- iii) List TWO examples of clothing she must NOT wear:
- in order to avoid the falls;
- when using the wheelchair.

FALLS	
USING THE WHEELCHAIR	

(4 marks)