

KULLEĠĠ SAN BENEDITTU

Boys' Secondary, Kirkop

Mark

HALF-YEARLY EXAMINATION – 2012/2013

Levels 5 – 6 – 7 – 8

FORM 2

Design and Technology - Textiles

TIME: 1h 30min

Question	1	2	3	4	5	6	7	8
Max. Mark	10	20	5	5	20	10	15	15
Mark								
	Marks for Written Exam.	Marks for Design Folio	Total	Final mark				
Max. Mark	100	100	200	%				
Mark								

Instructions to students:

*Answer ALL questions.
Read carefully each question*

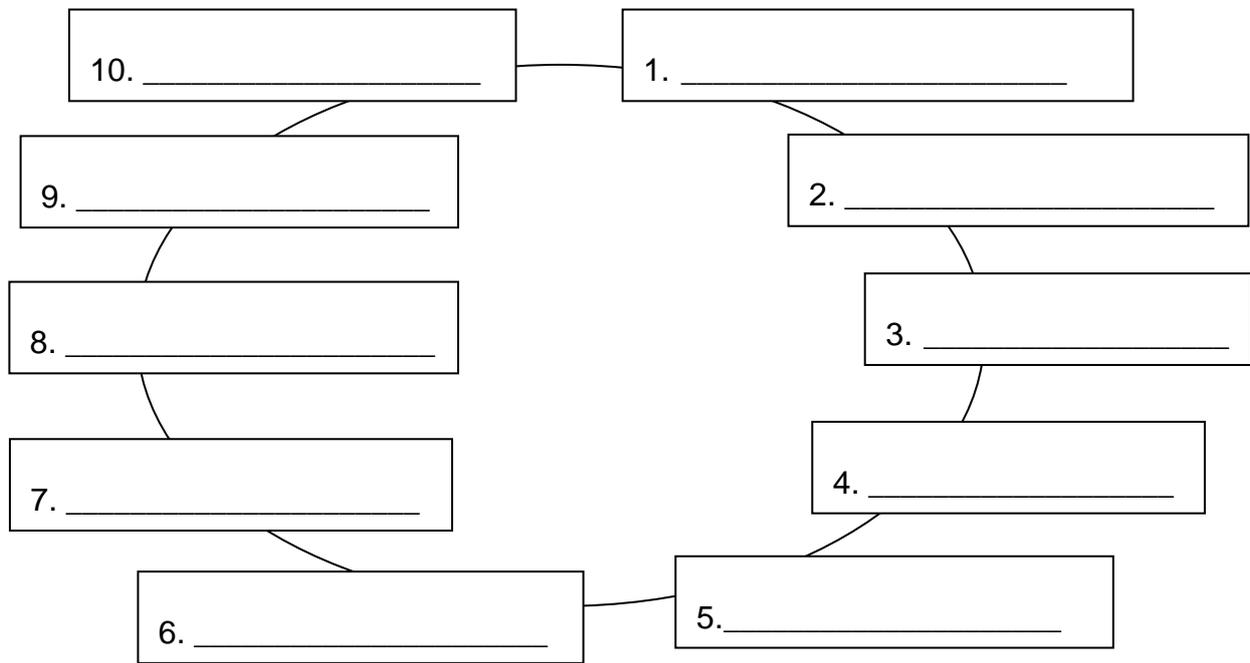
DO NOT WRITE ABOVE THIS LINE

Name: _____

Class: _____

1. Fill in the design process steps using the following words. **(1mark x 10=10 marks)**

*research, testing and evaluation, design brief, specification, first ideas, planning,
development, situation, making, chosen idea.*



2. Carefully read the following Design Brief and answer questions **a** to **d**.

*Design and make a clothing equipment to protect your clothes while preparing
food in the kitchen.*

a) Underline the keywords from the above Design Brief. **(1mark x 3=3 marks)**

b) List two examples of sources from which you can conduct research. **(1mark x 2=2 marks)**

- _____
- _____

c) Tick the best answer using an X. **(1 mark)**

We conduct *Product Market Research* to

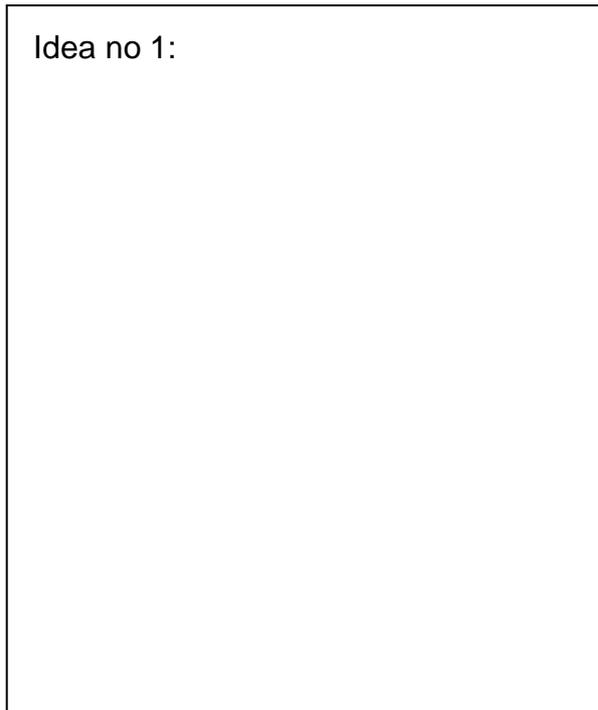
- i) copy other designers' ideas.
- ii) to get information from product which already exist.
- iii) buy products which have similar designs.

d) List three specifications which should be considered when designing the kitchen protective clothing. (2 marks x 3=6 marks)

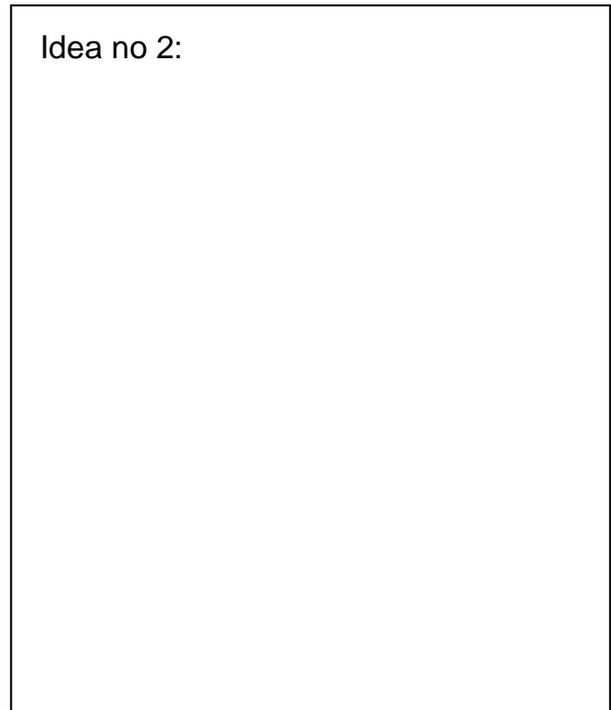
- _____
- _____
- _____

e) In the space provided draw two ideas for the above Design brief. The sketches must be clear, colored and labeled correctly. (4marks x 2=8 marks)

Idea no 1:



Idea no 2:



3. Continue the following sentences using the following words. (1mark x 5 =5 marks)

Staple, jeans, man-made, filament, seat belts

- a) Fibres can be classified into two main groups, which are natural fibres and _____ fibres.
- b) _____ fibres are short thin hair like structures, for example found in wool and cotton.
- c) _____ fibres are long thin hair like structures, for example found in silk and linen.
- d) Nylon is used to make _____.
- e) Cotton is used to make _____.

4. Match the fibres with their sources.

(1mark x 5 =5 marks)

Fibre		Source
Cotton		 <p>Sheep</p>
Linen		 <p>Silk worm</p>
Wool		 <p>Chemicals</p>
Silk		 <p>Cotton plant</p>
Acrylic		 <p>Flax plant</p>

5. a) Mention four examples of fabric properties.

(2mark x 4 =8 marks)

- Insulation
- _____
- _____

b) Mention four examples of fabric characteristics.

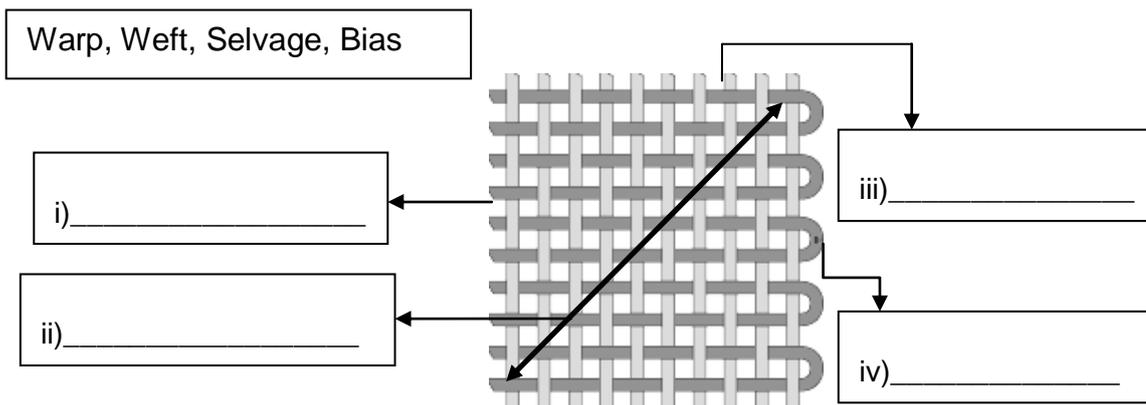
(2mark x 4 =8 marks)

- Construction
- _____
- _____

c) Mention two examples of fabric tests. (2mark x 2 =4 marks)

- Test for abrasion
- _____
- _____

6. a) Label the following diagram using the following words. (1mark x 4 =4 marks)



b) The diagram above shows a type of fabric construction. What is it called? (2 marks)

c) Name another type of fabric construction. _____ (2 marks)

d) The process to turning fibers into yarn is called _____. (2 marks)

7. a) Use the words below to write down the name of the tools shown in the table below.

needle, shears, steam iron, tailor's chalk

(1mark x 4 =4 marks)

b) Continue to fill in the table by writing down the use for each tool. (2 marks x 4 =8 marks)

	Tool name	Use
		

c) Write down three safety rules you must follow during a practical session in a textiles laboratory. (1mark x 3 =3 marks)

- _____
- _____
- _____

8. a) Textile components can be divided into three categories, which are fasteners, decorative components and structural components. Put the following words under the correct list.

Vilene, beads, button, zipper, ribbon, Velcro, thread, hook and eye, bias binding, fringe.

Decorative components

- _____
- _____
- _____

Fasteners

- _____
- _____
- _____
- _____

Structural components

- _____
- _____
- _____

(1mark x 10 =10 marks)

b) Mention two products which can be used to join pieces of fabric together?

(1 ½ marks x 2 =3 marks)

- _____
- _____

c) Which fabric decoration method would you suggest to print the school logo on the uniform

t-shirt. _____

(2 marks)

END OF EXAM