

## **SYLLABUS 0612 FASHION AND FABRICS - SCHEME OF ASSESSMENT FROM 2012**

Candidates will be assessed on all the three objectives. All candidates must enter for **three** components.

Candidates will sit **one** written component (Paper 1), two coursework components consisting of a Project (Paper 2) and a research paper (Paper 3). Candidates will be graded on a scale A\* – G. Candidates failing to achieve grade G will be unclassified (U) and no grade will appear on the certificate.

<b>SYLLABUS COMPONENTS</b>	
<b>Paper 1 Written Paper (2hours)</b>	<b>100 marks</b>
A compulsory paper taken by <b>all</b> candidates. The questions will test skills mainly in <b>Assessment Objectives 1, 2 and 3</b> and will be of a difficulty appropriate to grades A to G. The paper will constitute 50% of the overall assessment. It will consist of <b>three</b> sections	
<b>Section A</b>	
Short answer questions, worth a total of forty marks	40 marks
<b>Section B</b>	
Four structured questions worth 10 marks each	40 marks
<b>Section c</b>	
Two essay type questions worth 10 marks each	20 marks
<b>Paper 2 Project Work</b> A class room and laboratory based paper, which will assess assessment objectives 1, 2 and 3. Candidates will work on their project during the third term of form 4 and first term of form 5. Candidates work will be marked by the centre and moderated by BEC. The paper will constitute 30% of the overall assessment.	
<b>Paper 3 Coursework individual study</b>	<b>100 marks</b>
A research paper The paper will have a problem solving approach following a design process. It is intended that candidates will carry out this project during the second term of their final year Candidates work will be assess by the centre and moderated by BEC. The paper will constitute 20% of the overall assessment.	

## ASSESSMENT OBJECTIVES

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The three assessment objectives in Science: Single Award are:

- 1 Knowledge and understanding,**
- 2 Handling information and solving problems,**
- 3 Practical skills and their application.**

A description of each assessment objective follows;

### **1 KNOWLEDGE AND UNDERSTANDING**

Candidate should be able to demonstrate knowledge and understanding of:

- 1.1 social, economic and environmental needs;
- 1.2 scientific, technological terminology and principles;
- 1.3 suitable and correct use of equipment;
- 1.4 techniques and methods used to achieve accuracy;
- 1.5 creative and aesthetic considerations;
- 1.6 safety hygiene rules and regulations;
- 1.7 factors influencing choice of textile materials.

Questions assessing these objectives will often begin with words such as: *define, state, describe, outline, etc.*

### **2 HANDLING INFORMATION AND SOLVING PROBLEMS**

Candidates should be able to:

- 2.1 interpret and manipulate data;
- 2.2 Estimate and measure accurately
- 2.3 translate information from one form to another; hypotheses;
- 2.4 identify problems;
- 2.5 identify priorities when solving problems;
- 2.6 organize and manage resources
- 2.7 assess and evaluate the effectiveness of the course of action;
- 2.8 recommend further development of a textile product

Questions assessing these objectives may contain information which is unfamiliar to candidates. In answering such questions, candidates are required to take principles and concepts in the syllabus and apply them to the situations described in the questions.

Questions assessing these objectives will often begin with words such as: *discuss, predict, suggest, calculate, determine, demonstrate, measure, construct etc.*

### 3 PRACTICAL SKILLS AND APPLICATION

Candidates should be able to:

- 3.1 follow instructions;
- 3.2 test and compare alternative techniques, methods, materials, equipment and tools;
- 3.3 construct a textile product;
- 3.4 demonstrate manipulative skills in hand work and the use of machines;
- 3.5 carry out a variety of textile processes ;
- 3.6 present finished work.

Questions assessing these objectives will often begin with words such as: *discuss, predict, suggest, calculate, determine, demonstrate, measure, construct etc.*

<b>Assessment Objectives</b>	<b>Paper 1</b>	<b>Paper 2</b>	<b>Paper 3</b>
Knowledge and understanding	40	10	20
Handling Information and solving problems	40	15	40
Practical Skills and their application	20	25	40
<b>Total marks</b>	<b>100</b>	<b>50</b>	<b>100</b>

<b>PAPER</b>	<b>WEIGHTING</b>
1	50%
2	30%
3	20%