

## TEXTILES

### 1. PREAMBLE

Textile is a component of the Visual Art programme at the Senior High School. It comprises the rationale for studying the Subject, tools/equipment and materials, processes from fibre preparation to fabric construction, decoration, finishing and care. The programme aims at developing patriotism, cultural awareness, and skills acquisition for future employment.

The aim of the syllabus is to help and guide examiners to identify suitable examinable domains in the textile field.

The candidates' acquisition of sound knowledge to achieve desired goals are of primary importance to the individual and the community at large:

### 2. AIMS AND OBJECTIVES

The examination syllabus intends to give candidates diversified channels through which they will involve themselves in experiments, observations, analyzing and evaluating the result of their findings.

Candidates are therefore to respond to questions that seek to examine:

- (i) the rationale for studying textiles
- (ii) the development and careers in textiles
- (iii) the development of positive attitudes and skills in producing indigenous and contemporary textiles
- (iv) effective manipulative skills, using tools, materials and the computer technology and safety measures to be taken.
- (v) the level of creativity as envisaged in design work for fashion, printing, weaving and dyeing of fabrics
- (vi) skills for sustainable development and competencies of exploring the indigenous textile industry
- (vii) elements in entrepreneurial skills such as costing, pricing and marketing of textile products.
- (viii) appreciation and patronage of indigenous and contemporary textile products
- (ix) competencies in building portfolio and skills in mounting exhibitions in textiles.

### 3. SCHEME OF EXAMINATION

There will be three papers: Papers 1, 2 and 3. Papers 1 and 2 must be taken at a sitting within 2 hours 50 minutes.

Paper 1: Forty objective questions to be answered within 50 minutes for 40 marks.

Paper 2: Four essay type questions to be answered out of six questions within 2 hours for 60 marks.

Paper 3: will be the project work paper for 100 marks

- (i) **One** practical question out of **two** practical questions is to be executed within six hours a day for 5 days.

- (ii) The question paper will be given to candidates two weeks prior to start of the paper . Preliminary designs/sketches are to be executed in the examination room under the supervision an external examiner within the first day. The designs/sketches must be presented together with the finished work and sent to WAEC.

#### **4. DETAILED SYLLABUS**

Textiles, applied in this syllabus, covers general knowledge, identification and use of fibres, textile designing, production, sustainable developments, portfolio building and exhibition and entrepreneurial skills.

Candidates will be expected to respond comprehensively to questions drawn from all areas of textiles in objective, essay and practical forms.

The scope of the syllabus shall therefore cover the following areas:

- (1) Introduction to Textiles**
  - (i) Meaning/rationale for studying Textiles
  - (ii) Renowned Ghanaian Textile Artists
  - (iii) Developments of textiles and careers
  - (iv) Textiles and cultural values.
  - (v) Competencies, attitudes and behaviour of the students for employment and customers.
- (2) Textile fibres and Yarns**
  - (i) Identification and classification of fibres.
  - (ii) Properties and suitability
  - (iii) Fibre processing e.g. soaking, ginning, etc.
  - iv) Yarn preparation: Traditional and contemporary
  - (v) Types of yarn
  - (vi) Blends and mixtures
  - (vii) Yarn terminologies
- (3) Fabric construction processes**
  - (i) Point paper designing: Plain, twill, satin/sateen and variations.
  - (ii) Looms and accessories: types of loom (man power ,traditional, broad loom and power looms :eg. shuttle and shuttle less loom and accessories).
  - (iii) Textile calculations: weight/cost of warp, weft and fabric.
  - (iv) Weaving: Processes (traditional and broad loom) i.e. warping, beaming, heddling, reeding, tying up, bobbin winding, etc. Loom motions (Primary, secondary and Auxiliary motion).
  - (v) Other fabric construction processes i.e: knitting, crocheting and tapestry.
  - (vi) Non - woven fabric
- (4) Fabric decoration and finishing techniques**
  - (i) Preparation, care and maintenance of tools, materials and equipments.
  - (ii) Basic drawings i.e. using elements and principles of design.
  - (iii) Idea development/preliminary designing/ICT.
  - (iv) Usage of indigenous colour schemes, ideas, symbols and cultural motifs for designing.
  - (v) Decorative techniques: dyeing, printing, appliqué and embroidery processes equipment.
  - (vi) Types of finishing techniques: mechanical, chemical.
  - (vii) Care and maintenance of fabrics

**(5) Sustainable development**

- (i) Challenges and interventions in managing resources, marketing and distribution.
- (ii) Cultural values (traditional/contemporary values)
- (iii) Healthy studio practices.

**(6) Portfolio and Exhibition**

- (i) Types of portfolios: hard and soft copy portfolios.
- (ii) Collection and building of portfolio.
- (iii) Meaning, types, purpose and processes of mounting exhibitions.
- (iv) Appreciating and patronizing indigenous textiles.

**(7) Entrepreneurial skills in practice**

- (i) Preparation of business plan
- (ii) Planning of an enterprise
- (iii) Key points of a business plan
- (iv) Costing, pricing and marketing of textile products.