

HOME ECONOMICS (DRESS AND DESIGN)

AIMS

The aims of the examination are to test whether candidates have acquired :

1. an understanding of the place of textiles in modern fashions and the effect of social, cultural and economic influences;
2. an awareness of the aesthetic and functional importance of garment making which changes throughout life according to circumstances;
3. scientific and technological knowledge and skills in organizing and managing textiles and clothing resources, in relation to the needs and life styles of family members;
4. application of skills by safely utilizing the appropriate equipment used in garment construction;
5. an understanding of consumer responsibilities and protection.

ASSESSMENT OBJECTIVES

The examination will assess a candidate's ability in the Dress and Design subject areas to :

1. recall, select, analyse and apply knowledge relevant to the needs of a given situation;
2. identify the varying material factors involved in solving design and construction problems;
3. establish the priorities needed and plan a course of action in a well reasoned and organized manner;
4. carry out the planned course of action with relevant technological and scientific knowledge and skills to achieve an effective result.

THE EXAMINATION

Only schools which have suitable facilities for practical tests may present candidates for this subject. All the materials for these tests must be made available at the schools.

The examination will consist of :

Paper 1 Theory (2 hours) (50%)

Section A (30%) is a compulsory area of study. Four questions will be set. Candidates will be required to answer THREE questions out of four.

Section B (20%) consists of TWO areas. One of the two areas will be studied. Three questions on each area will be set. Candidates will be required to answer TWO questions out of three from the area of study.

Candidates are expected to show abilities not only in factual recall, but also in displaying higher level skills in applying knowledge, in analyzing situations, in selecting relevant facts and principles to solve problems, and in organizing and presenting ideas in a logical sequence.

[N.B. Candidates may bring miniature figures and basic blocks (bodice, sleeve, skirt and trouser) in 1/5 scale.]

Paper 2 Design and Pattern Construction (1½ hours) (15%)

Two assignments will be set, each candidate will be given an assignment. Candidates will be required to :

1. draw the design of an outfit according to the requirement specified in the assignment on a piece of A3 drawing paper;
2. label the design features on the drawing;
3. state the appropriate fabric and sewing notions required;
4. construct the pattern for the assigned garment by pattern adaptation from basic blocks;
5. mark pattern specifications on the pattern pieces;
6. cut out all pattern pieces and hand these in together with the design.

N.B. Candidates may bring miniature figures and full-size basic blocks (bodice, sleeve, skirt and trouser) drafted according to the following body measurements :

Horizontal Measurement

*Bust
Waist
Hips
Back width*

*84 cm
64 cm
88 cm
35 cm*

Vertical Measurement

*Nape to waist
Waist to hips/hip depth
Neck point to bust point
Sleeve length*

*38 cm
18 cm
24 cm
56 cm*

<i>Chest Width</i>	33 cm	<i>Skirt length/waist to knee</i>	56 cm
<i>Shoulder to shoulder</i>	38 cm	<i>Crotch depth</i>	26 cm
<i>Bust point to bust point</i>	16 cm	<i>Side length of trousers</i>	98 cm
<i>Upper arm girth</i>	26 cm		
<i>Armhole</i>	38 cm		
<i>Wrist girth</i>	15 cm		

Paper 3 Garment Construction and Project (35%)

1. Garment Construction (2½ hours) (25%)
Candidates will be required to complete the assigned processes on the garment planned at the Design and Pattern Construction Paper with chosen fabric and sewing notions.
2. Project (10%)
Candidates will be required to submit two garments and a design folio for each.
 - (a) *The garments*
 - (i) one dress/nightdress,
 - (ii) one pair of trousers/shorts/culottes,

The above garments should include varied and appropriate sewing processes and techniques.
 - (b) *The design folios*
Each folio should consist of the following :
 - (i) the purpose of the design;
 - (ii) design presentation;
 - (iii) quantity of fabric and sewing notions with reasons for choice;
 - (iv) cost;
 - (v) cutting layout;
 - (vi) a brief order of work in sewing up.

[N.B. SI units will be used in the examination. Sewing machine should be used whenever applicable.]

THE SYLLABUS**Section A***Syllabus Topics**Explanatory Notes*1. Design and Pattern Construction

1.1 Design

- (a) Figure drawing
- (b) Silhouette
- (c) Colour

- (d) Fabric
- (e) Fashion trend
- (f) Design presentation
- (g) Accessories

Figure proportion and poses
 Shapes, style lines, details, balance and proportion for individual figures
 (i) Basic concept and colour combinations
 (ii) Effects of colour on individual figures
 (i) Properties of natural and man-made fibres and fabrics
 (ii) Effects of fabric pattern and texture on individual figures
 (i) Current fashion and its application
 (ii) Social, economic and technical influences on fashion
 Front and back views of the garment with style feature indications
 Purposes, types and choice

1.2 Pattern Construction

- (a) Body measurements
- (b) Block patterns
- (c) Pattern specifications

- (d) Pattern styling
 - d.1 Fullness

Accuracy in taking measurements
 Drafting of bodice, sleeve, skirt and trouser blocks
 Fitting line, cutting line, balance mark, straight grain, place on fold, C.F. and C.B. lines, name of pattern pieces, number of pieces to be cut and other relevant specifications
 Techniques of developing patterns from basic blocks
 Darts and dart manipulation, pleats, tucks, gathers, shirring, easing and casing

Syllabus Topics

- d.2 Necklines
- d.3 Collars
- d.4 Sleeves
- d.5 Skirts
- d.6 Trousers

- d.7 Yokes
- d.8 Pockets

Explanatory Notes

Round, square, "V" shaped, "U" shaped and boat shaped
 Flat, straight and stand
 Fitted, puff and shirt
 A-line, flared and gored
 (i) Straight and flared
 (ii) Shorts and culottes
 Shoulder and hip
 Patch, pocket in a seam and pocket cut as part of a garment

2. Technology in Garment Construction

2.1 Basic sewing equipment

- (i) Choice, use and care
- (ii) Measuring and marking : tape measure, rulers, metrestick, measuring gauge, tracing wheel, dressmaker's tracing paper and dressmaker's pencil
- (iii) Cutting : cutting-out shears, pinking shears, trimming scissors and seam ripper
- (iv) Sewing : needles, thread, dressmaker's pin, thimble and stiletto
- (v) Sewing machine : straight stitch, zigzag, automatic and electronic
 Attachments : zipper foot, hemmer foot, gathering foot and seam guide
 Faults and remedies
- (vi) Pressing : dry iron, steam iron, ironing board, sleeve board and pressing cloth

2.2 Stitches

- (i) Temporary : tacking, diagonal tacking and tailor's tacking
- (ii) Permanent : running, back, oversewing, hemming, slip-hemming, blanket, chain, herringbone, buttonhole and machine-stitch

Syllabus Topics

- 2.3 Seams and seam neatening
- 2.4 Hems
- 2.5 Disposal of fullness
- 2.6 Facings
- 2.7 Decorative edgings
- 2.8 Openings
- 2.9 Fastenings
- 2.10 Collars
- 2.11 Sleeves
- 2.12 Cuffs
- 2.13 Waist finishes
- 2.14 Pockets

Explanatory Notes

- Plain, French, double-stitched and overlaid
- Straight, curved, skirt and false
- Darts, pleats, tucks, gathers, shirring, easing and casing
- Straight, crossway and shaped
- (i) Use of crossway materials : binding and piping
(ii) Trimmings : frills, lace, braid and ric-rac
- Faced slit, continuous wrap, bound, zipped, overlapping hems and false hems
- Button, press fasteners, hook and eye, hook and bar, tapes, velcro, worked loop and machined buttonhole
- Flat, straight and stand
- Fitted, puffed and shirt
- Band, turned up and shirt
- Facing, waistband, casing for drawstring and elastic
- Patch, pocket in a seam and pocket cut as part of a garment

Syllabus Topics

Explanatory Notes

Section B

1. Textile Knowledge

1.1 Fibres

(a) Natural

(b) Man-made

1.2 Yarns

1.3 Fabric

1.4 Fabric finishes

1.5 Choice and care

- (i) Properties
- (ii) Identification : microscopic examination and burning test
- (i) Vegetable : cotton and linen
- (ii) Animal : silk and wool
- (i) Regenerated : viscose rayon and acetate
- (ii) Synthetic : polyamide, polyester and acrylic

Filament, staple, spun and textured

- (i) Construction :
 - Weaving – plain, twill and satin
 - Knitting – warp and weft
- (ii) Bonding and felting
- (iii) Blended and mixture fabrics
- (iv) Characteristic of woven, knitted, bonded, felted, blended and mixture fabrics

Crease resistance, permanent press, mercerization, shrink resistance, moth proofing, flame retardant, water repellent

- (i) In relation to style, purpose, hygiene, safety and aesthetic appreciation
- (ii) Direction for sewing
- (iii) Laundering and care labels

*Syllabus Topics**Explanatory Notes*2. Development of Dress Sense and Consumer Studies

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| 2.1 Dress sense | <ul style="list-style-type: none"> (i) Different figure types (ii) Choice of fabrics, colours, lines and proportions in relation to individual figures and personalities (iii) Use of co-ordinates and accessories to produce a 'total image'. |
| 2.2 Wardrobe planning | <ul style="list-style-type: none"> (i) Review one's clothing and accessories (ii) Plan replacement and additions (iii) Innovations in wardrobe planning (iv) Budgeting (v) Choice of garments for different seasons, activities, occasions and age (vi) Consideration of the place of home-made and ready-to-wear garments (vii) Planning clothing for family members according to their needs |
| 2.3 The Consumer | Rights and responsibilities : education, accurate information, safety, choice, complaints and claims, healthy environment |
| 2.4 Consumer protection | Laws governing labelling and quality of clothing |
| 2.5 Shopping for clothes | <ul style="list-style-type: none"> (i) Assessment of fabric quality and workmanship (ii) Types of shops : department stores, street hawkers, specialist shops, boutiques (iii) Modes of shopping : in person, mail-order (iv) Ways of paying : cash, cheque, credit (v) Advertising and media influences |