



Test Project

State - Skill Competition

Skill- Fashion Technology

Category: Creative Arts & Fashion

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Section - A

A. Preface

Skill Explained:

Fashion Technology comprises of many different skills required in the making and marketing of garments and fashion accessories. People are qualified for diverse work profiles available in the apparel-manufacturing sector. The diversity of the skills required in the industry are very broad; it is common for people working in this field to be specialists in a particular aspect and have strong fundamentals governing aesthetic and design elements.

They must be able to work in either formal or informal teams, or stand-alone.

The Test Project consists of **4 modules – 6 hours**

1. Pattern Making and lay up 1 hr 30 mins
2. Sketching - 45 mins
3. Draping - 45 mins
4. Construction - 3 hrs

All modules must start at the same time.

Competitors must submit each module at the end of the maximum time for that module, finished or not.

The Competitor shall:

- Sketch garments for different target market levels, according to the properties of a mystery swatch provided
- Drape on the dress form (pins only) to copy a mystery image provided
- Create a skirt pattern (not including lining)
- Mark and measure the skirt on a lay
- Sew a skirt according to the design provided
- Use various industrial machines efficiently
- Finish some parts of the garment with hand sewing
- Press and finish the garment

Eligibility Criteria (for India Skills 2024 and WorldSkills 2024):

Competitors born on or after 01 Jan 2003 are only eligible to attend the Competition.

Section - B

B. Description of Project and Tasks

MODULE 1: Pattern Making and Layout

Competitor Instruction Sheet

Maximum time – 1 hour and 30 minutes

- The Skill Competition Manager will provide measurements and a technical drawing for the skirt at the start of the module. There will be no block provided.
- Competitors will measure their respective dressform and note the measurements (such as (waist, hip, hip-length and skirt-length). Patterns will be made according to the same measurements.
- Competitors will make a set of patterns for the skirt (no lining) according to the technical drawing, technical information provided at the start of the module.
- Competitors must submit the full pattern and dressform measurement sheet for marking at the end of the module.
- The pattern must show the seam and hem allowances. All pattern instructions must be in ink only.
- When the pattern is complete, competitors must do a pattern layout on the fabric and submit it for assessment.
- The skirt will not be cut or constructed before the lay evaluation.
- Pattern must be pinned to the lay but **MUST NOT BE CUT**.
- The lay will be assessed between the tests on the same day.
- Competitors who complete Module 1 before time can utilize the left-over time for cutting the fabric after the lay evaluation.

MODULE 2: Sketching

Competitor Instruction Sheet

Maximum time – 45 minutes

Competitors will be required to create production/trade/flat sketches of coordinated ladies garments in black ink, front and back and present them in A4 size.

They will be supplied with a template/croquis, as well as a swatch of mystery fabric. They will be required to sketch garments according to the properties of the fabric as well as a particular target market. The target market and fabric swatch will be selected at random by the Skill Competition Manager at the start of the module.

It will be either:

- Fast Fashion Spring/Summer (2 pieces front & back) or
- Fast Fashion Autumn/Winter (2 pieces front & back) or
- Couture Spring/Summer (1 pieces front & back) or
- Couture Autumn/Winter (1 pieces front & back)

All sketches must be in ink only (ink shading is allowed) sketches must be drawn on the A4 size paper provided.

All Competitors will sketch for the same season, target market, and the same fabric swatch.

Sketches must be submitted at the end of the module.

MODULE 3: Draping/Moulage

Competitor Instruction Sheet

Maximum time – 45 minutes

Competitors will be supplied with 2m of muslin and 1 roll of draping tape. They will be required to drape the muslin on the dress form, pinning as they go, to create a copy of a mystery top, which will come from a ballot draw, selected by the Skill Competition Manager at the start of the module. All competitors will drape this style only.

Competitors will be able to press their calico and tape their dress form in the familiarization time, but all the other work will take place during the competition time.

Competitors will be marked on their fabric handling skills and the accuracy of their interpretation of the style.

Competitors may cut or fold edges of the calico - whichever will create the best finish and cleanest line. Ease may or may not be added, according to the Competitor's choice and their desire to reflect the appropriate fit and finish.

The dress form with draped top will be presented to the marking area at the end of the module.

MODULE 4: Construction

Competitor Instruction Sheet

Maximum time – 3 hours

Competitors will construct a skirt according to the design provided by The Skill Competition Manager and pattern developed in Pattern making Module.

The skirt should be constructed using appropriate seams and finishes. No raw edges are allowed. The construction should have clean and precise stitches.

The skirt must have

- Min length of skirt – 55 cm, max length – 65 cm
- Waist band width – 3 cm
- A functioning zipper at back with length 19 cm
- No raw edges allowed

Competitors must share fusing press and overlock machine with other competitors. All Competitors will have access to all shared equipment.

At the end of the module, the final garment must be draped on the dressform for final evaluation.

Section - C

C. Infrastructure

Machinery:

- SNLS (with presser foot and zipper foot)
- Overlock machine
- Iron and ironing Table
- Fusing machine
- Pattern Making Table
- Stools
- Dressform

Tools:

- Scissor
- Bobbin and Bobbin case
- Seam ripper
- Needle DBx1 size 14
- L scale
- Grading scale
- Hip Curve
- French Curve
- Style tape
- Draping Pins
- Stationery (pencil, eraser, sharpener, pens, etc)

Material:

ITEM	QUANTITY	MATERIAL	DESCRIPTION	NOTES
PATTERN PAPER	3x1M	80g/m2	WHITE	MODULE 1
MUSLIN	2M	COTTON		MODULE 3
MAIN FABRIC	3M	MEDIUM WEIGHT	Approx. 120cm wide	MODULE 4
THREADS	2 X REELS	COTTON		MODULE 4
FUSING TAPE	25 cm	Medium		MODULE 4
ZIPPER	1 X 70 cm long		Concealed	MODULE 4

Material to be arranged by the management

Pattern Making Design Sheet with measurement – 1 per candidate

Print out of the croquis – 2 per students

6 Fabric Swatches for Sketching module for draw

3 Designs for Ballot draw for Draping module

Section – D

D. Marking Scheme (WSSS)

- Work Organization and Management – 7%
- Communication and Interpersonal Skills – 5%
- Problem Solving, Innovation and Creativity – 7%
- Fashion Design – 15%
- Technical Drawing – 10%
- Pattern Construction and Draping – 20%
- Cutting, Sewing and Finishing Techniques – 36%

Marking Scheme: The Assessment is done by awarding points by adopting two methods, Measurement and Judgments

- Measurement - One which is measurable
- Judgment - Based on Industry expectations

Aspects are criteria's which are judged for assessment.

Assessment and Marking of Test Projects

The Marks will be allocated under the heads of Measurement and Judgment.

For Measurement, marks are marked as per actuals.

For Judgement, marks will be awarded for each aspect as under;

- 0: performance below industry standard
- 1: performance meets industry standard
- 2: performance mostly meets industry standard and exceeds industry standards sometimes
- 3: excellent or outstanding performance

Example-Judgment Marking

If maximum marks for Judgement criteria is 1 and if all 3 Experts (Juries) give 3 points to a candidate, the candidate will get 1 mark for that aspect. If 2 Experts give 3 and 1 Expert gives 2 points, then the candidate will get $(3+3+2)/9 \times 1 = 0.89$ marks for that aspect out of 1 mark.

Note:

The Test Projects and Marking Scheme will be decided by the Experts (jury members) prior to competition, based on actual resources being used in the competition.

Section – E

E. Timetable

One Day Format Schedule

DAY OF THE TEST	
9:00 am – 9:30 am 9:30 am – 11:00 am 11:00 am – 11:15 am 11:15 am 12:00 pm	BRIEFING MODULE 1 – Patternmaking and layout (1 hour 30 minutes) Break & Briefing MODULE 2 – Sketching (45 minutes)
12:00 – 12:15 pm 12:15 – 1:00 pm	BRIEFING MODULE 3 – Draping (45 minutes)
1:00 – 1:45 pm	Lunch Break
1:45 – 4:45 pm	MODULE 4 – Construction (3 HOURS)

Section – F

F. Instructions for candidates

The participating Competitors must ensure:

- Candidate must report on given time at the Competition Venue
- Candidate will not get any additional time for completing the task.
- Candidate must carry all the tools required for the test project.
- Candidates are not allowed to use any kind of unfair means during the test.
- All must follow the instruction given by the examiner.
- No electronic devices like mobile, calculator permitted.
- Make sure all tools available are in proper condition before starting the test.
- Candidates must be careful while handling tools and machines.

Section – G

G. Health, Safety, and Environment

1. All accredited participants, and supporting volunteers will abide by the rules and regulations with regards to Health, Safety, and Environment of the Competition venue.
2. All participants will assume liability for all risks of injury and damage to property, loss of property, which might be associated with or result from participation in the event. The organizers will not be liable for any damage, however in case of Injury the competitor will immediately inform the immediate organizer for medical attention.
3. Competitors could lose marks or excluded from the competition (as per Competition Rules & Health and Safety documents) if they are identified working in an unsafe manner or create an unsafe workplace condition.
4. All machinery and/or equipment must comply with the mandatory safety requirements.
5. Competitors must keep their work area clear of obstacles and their floor area clear of any material, equipment or items likely to cause someone to trip, slip or fall;

Section – H

H. Annexures

Annexure 1: Technical Drawing and information

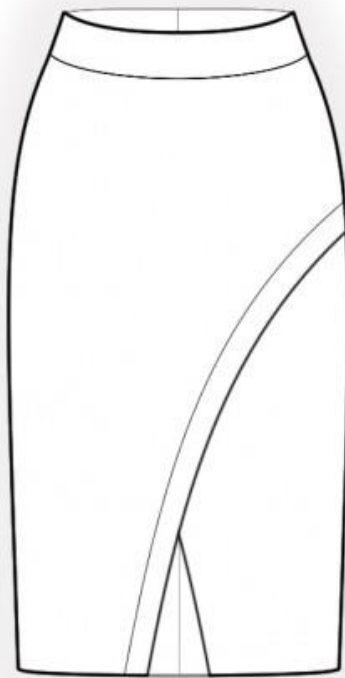
Annexure 2: Template Croquis for Sketching

Annexure 3: Draping Design for Ballot

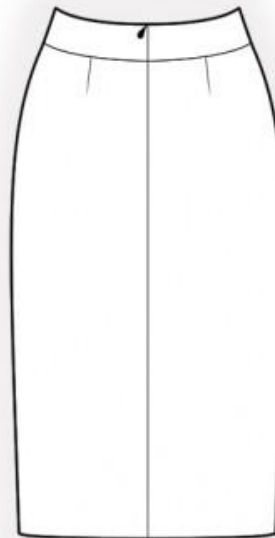
Annexure 1

Technical Drawing and Information

The skirt will be constructed according to the design provided below:



FRONT



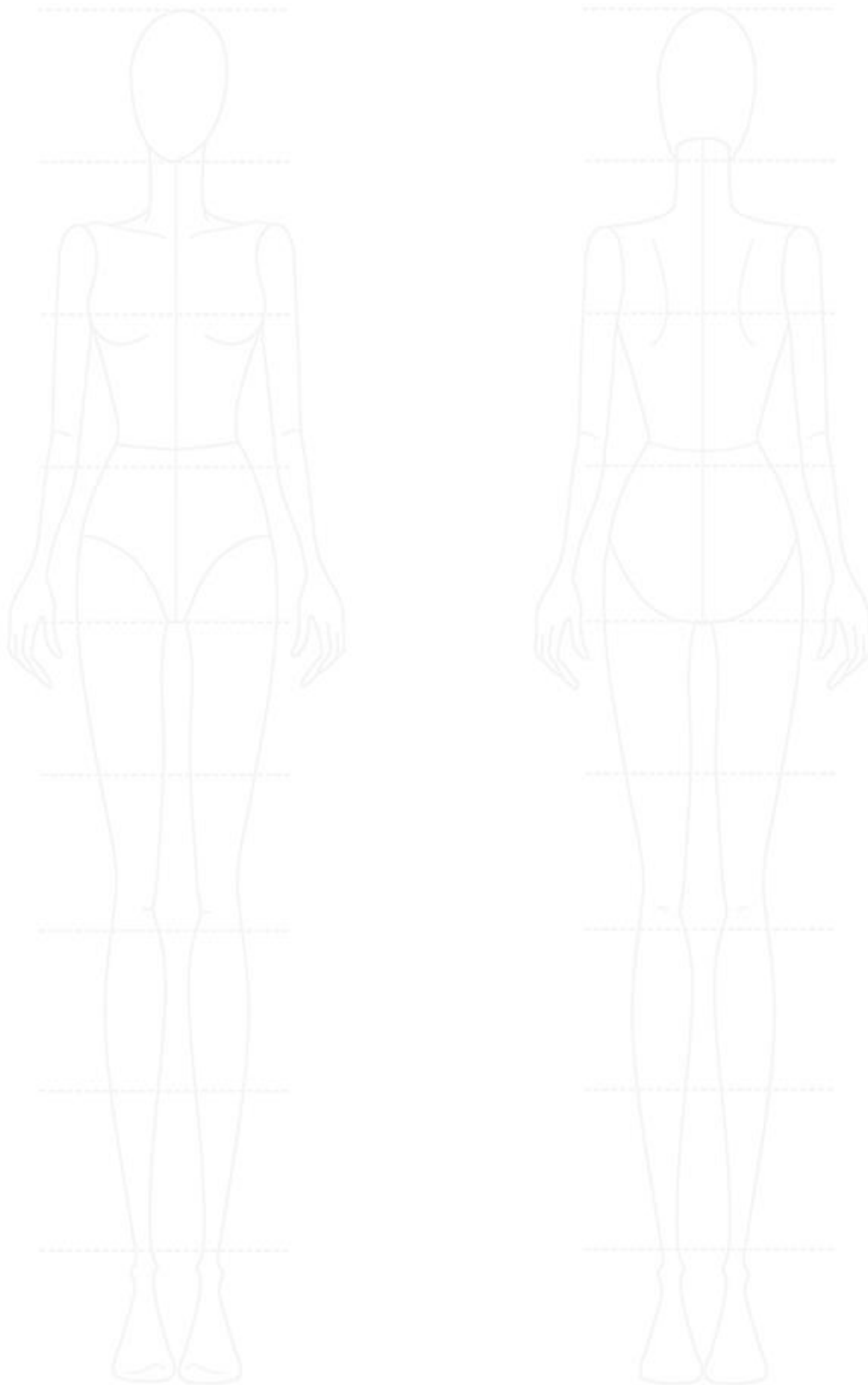
Back

The skirt must have:

- Minimum length of the finished skirt: 55 cm, maximum: 65 cm
- Waistband Width: 3 cm
- Zipper Length: 19 cm

Measurement Name	Measurement (in cm)
Dress Form Number	
Table Number	
Waist Girth	
Hip Girth	

Annexure 2



Annexure 3

Designs For Draping





