



B.TECH DEGREE EXAMINATIONS: MAY 2017

(Regulation 2015)

Fourth Semester

FASHION TECHNOLOGY

U15FTE105: Fashion Apparel Design and Development

COURSE OUTCOMES

- CO1** Acquire knowledge on basic principles in designing and developing garment patterns.
- CO2** Developing designing skills in preparation of garments by implementing the various measurements for children's, women's and men's garments.
- CO3** Developing skills in pattern development and construction methods for children's, women's and men's garments.
- CO4** Trace the knowledge on the different varieties of woven and knitted garments.
- CO5** Assess the suitability of garment patterns, fabrics, seams to fit the individuals
- CO6** Assess the comfort ability parameters on woven and knitted garments

Maximum Marks: 100

Time: Three Hours

Answer all the Questions:-

PART A (10 x 1 = 10 Marks)

1. Match the following:

CO1, 2 [K₄]

List I		List II	
A. Baba suit		i. lapped seam	
B. Best seam for yoke attach		ii. two piece garment	
C. Silhouette resembles an alphabet		iii. most unsuitable fastener for infant wear	
D. Tie cords		iv. suitable for baby frocks	

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|----|-----|----|-----|-----|
| | A | B | C | D |
| a) | ii | i | iv | iii |
| b) | iii | iv | ii | i |
| c) | ii | iv | iii | i |
| d) | iii | i | ii | iv |

2. When these templates are used to cut and assemble together, a three dimensional form results. CO1,3 [K_L]

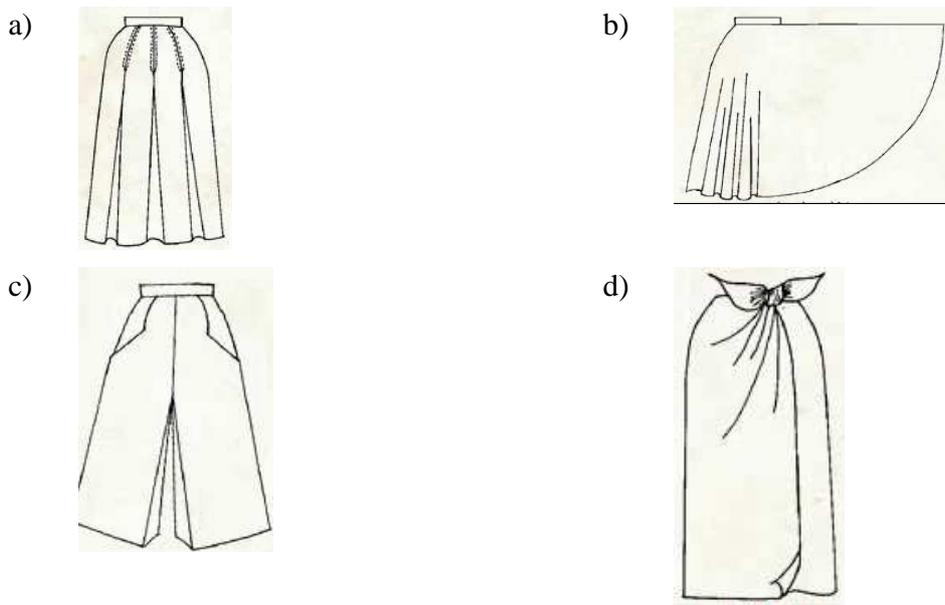
- a) Size Chart b) Pattern
c) Measurement Chart d) Standardization

3. Which statements are true? CO2,3 [K₃]

1. The diamond piece inserted in the crotch of the salwar facilitates comfort while sitting.
2. The most suitable fabric for under skirt is organdy
3. A diagonal cut that extends from neck to armhole is a special feature of raglan blouse
4. Darts are not responsible for the perfect fit of blouse front.

- a) 1,3 b) 1,4
c) 1,2 d) 2,3

4. Identify the circular skirt. CO4 [K₁]



5. Assertion (A): The greatest advantage of the current camisole is the tremendous stretch factor and elastic recovery CO5,6 [K₄]

Reason (R): Lycra when incorporated in small quantities can provide expansion and relaxation of inner wear

- a) Both A and R are Individually true and R is the correct explanation of A b) Both A and R are Individually true but R is not the correct explanation of A
c) A is true but R is false d) A is false but R is true

6. Identify the most suitable knit structure for night wear garments. CO4 [K₃]
- a) Fleece b) Single jersey
 c) Interlock d) Double jersey
7. Identify the sequence of operations for boxer shorts. CO5 [K₃]
- a) Access Flap design , Button front design , No fly design, Pouch design , b) Pouch design ,Access Flap design ,
Button front design , No fly design,
 c) Access Flap design , Button front design , Pouch design , No fly design d) Button front design, Access Flap
design , No fly design, Pouch design ,
8. A trouser with numerous pockets. CO4 [K₂]
- a) jeans b) cargos
 c) Formal trouser d) capris
9. Assertion (A): Flat seams help in providing comfort in men's briefs CO5,6 [K₄]
 Reason (R): Flat seams have uncovered edges resulting in protrusion and irritation to the skin of the person.
- a) Both A and R are Individually true and R is the correct explanation of A b) Both A and R are Individually true but
R is not the correct explanation of A
 c) A is true but R is false d) A is false but R is true
10. The measurements required for a mens vest is CO2,3 [K_L]
- a) chest b) Chest, front length, waist
circumference
 c) Chest, front length d) Chest, front length, across shoulder

PART B (10 x 2 = 20 Marks)

(Answer not more than 40 words)

11. Prepare a size chart for constructing children's garment. CO1 [K₆]
12. Design any two different styles of baba suit with design specifications CO1 [K₆]
13. How much material you will require for a plain skirt when the length of skirt is [16"/40 cms] and the width of the fabric is [44"/115cms] CO 2 , 3 [K₃]
14. Differentiate between a plain blouse and a katori blouse. CO 3,4 [K₃]
15. Give the procedure for incorporating princess line feature in a women's dress. CO3,5 [K₂]
16. Explain the special requirements while designing maternity wear. CO3,5 [K₃]
17. Design a cargo pant and highlight its special features. CO3,4 [K₆]

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|--|--------|-------------------|
| 18. Highlight the special features of a single breasted coat with a neat sketch | CO3,4 | [K ₄] |
| 19. Develop two designs for men's elastic shorts. | CO 4 | [K ₆] |
| 20. Reason why knitted fabrics are more suitable for vests and briefs when compared to woven fabric. | CO 5,6 | [K ₄] |

Answer any FIVE Questions:-

PART C (5 x 14 = 70 Marks)

(Answer not more than 300 words)

Q.No. 21 is Compulsory

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|--|-------------|-------------------|
| 21. Design a yoke frock and detail about the step by step procedure and construction sequence of the developed design with neat illustrations. | CO
1-3 | [K ₆] |
| 22. Design a trendy blouse for a adolescent girl, giving the draft details and construction details. | CO
1-3 | [K ₆] |
| 23. Explain the drafting and construction sequence for the development of a corset. | CO
3,4 | [K ₂] |
| 24. Develop any 3 designs in men's shirt giving its salient features. Explain the suitable fabric, seams and stitches for the developed men's wear | CO2
,4,5 | [K ₅] |
| 25. Explain the drafting and construction sequence for the development of men's vest. | CO3
,4 | [K ₂] |
| 26. Write notes on: | CO | [K ₂] |
| i. Ladies Kurti | (7) | 2-6 |
| ii. Maternity Wear | (7) | |
| 27. Write notes on: | CO | [K ₄] |
| i. Latest trends in design development of Jeans | (7) | 3-6 |
| ii. Men's Briefs construction | (7) | |
