



B.TECH. DEGREE EXAMINATIONS: APRIL / MAY 2023

(Regulation 2018)

Fourth Semester

FASHION TECHNOLOGY

U18FTI4203: 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

Time: Three Hours

Maximum Marks: 100

**Answer all the Questions:-
PART A (10 x 2 = 20 Marks)
(Answer not more than 40 words)**

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|---|-----|-------------------|
| 1. Infer the basic principles used for designing garments | CO1 | [K ₂] |
| 2. Outline the type of seams and stitches suitable for developing children's garment | CO1 | [K ₂] |
| 3. State about the method of calculating fabric requirement for gathered skirt | CO2 | [K ₄] |
| 4. Illustrate any two different styles of summer frock garment and its end use | CO2 | [K ₃] |
| 5. Give the procedure for incorporating princess line feature in a women's dress. | CO3 | [K ₂] |
| 6. Relate any two quality parameters required for selection of children garments | CO3 | [K ₂] |
| 7. Highlight the parts of men's shirt that should be matched during construction of a printed fabric. | CO4 | [K ₄] |
| 8. State the quality factors to be considered for selecting fabric and garments for maternity wear | CO5 | [K ₃] |
| 9. Develop a design for cargo pant and enlist the pockets available in the garment | CO6 | [K ₃] |
| 10. Enlighten the type of men's party wears and its brands available in the market | CO5 | [K ₂] |

Answer any FIVE Questions:-
PART B (5 x 16 = 80 Marks)
(Answer not more than 400 words)

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|-----|----|---|----|-----|-------------------|
| 11. | a) | Design a Baba suit and detail about the step-by-step procedure and construction sequence of the developed design with neat illustrations. | 8 | CO1 | [K ₆] |
| | b) | Develop a design and draft a pattern and flow process for A-line frock with necessary illustrations | 8 | CO1 | [K ₅] |
| 12. | a) | Elucidate about the ASTM standard of women's apparel sizing with examples. | 6 | CO2 | [K ₂] |
| | b) | Design any one skirt suitable for adolescent girl and give detail about the step-by-step procedure and construction sequence of same skirt with neat illustrations. | 10 | CO2 | [K ₆] |
| 13. | a) | Explain the step-by-step design development, drafting and construction procedure for camisole with a neat sketch. | 8 | CO3 | [K ₂] |
| | b) | With a neat diagrammatic representation, draft a pattern for nighty with princess line cut and step flow process elaborately. | 8 | CO3 | [K ₂] |
| 14. | a) | Design any two types of blouses and discuss the types of fabrics and seams used for them. | 8 | CO5 | [K ₂] |
| | b) | Highlight any one design for men's formal wear garment and write about the design features, measurements, fabrics, seams, stitches suitable for that garment. | 8 | CO5 | [K ₃] |
| 15. | a) | Elucidate about the steps involved in selection of raw material for constructing a half sleeve shirt and predict the draft plan for a shirt. | 8 | CO4 | [K ₅] |
| | b) | Describe the different type of dresses with suitable illustrations and explain the drafting procedure for any one dress. | 8 | CO4 | [K ₅] |
| 16. | a) | Design any one printed elastic shorts and explain the procedure for drafting and constructing shorts with suitable diagram along with their comfort requirements. | 10 | CO6 | [K ₆] |
| | b) | Elucidate the classification of men's wears with comfort assessment of fit with examples. | 6 | CO6 | [K ₃] |
