



M.TECH DEGREE EXAMINATIONS: JUNE 2015

(Regulation 2014)

Second Semester

APPAREL TECHNOLOGY

P14FTT202: Advanced Knitwear Technology

Time: Three Hours

Maximum Marks: 100

Answer all the Questions:-

PART A (10 x 1 = 10 Marks)

1. Matching type item with multiple choice code [K₁]

List I	List II
a) Narrowing and widening	1) Needle selection
b) DSCD	2) Sweaters
c) Jacquard	3) Tension control
d) Cable stitch	4) Shaping

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

2. Range of gauges used in V-bed in flat knitting is [K₁]

- a) E2-E5 b) E15-E20
c) E20-E50 d) E5-E14

3. Seams in which two or more plies of fabric are superimposed and/or folded on each other [K₂]

- a) Butted seams b) Bound seams
c) Flat seams d) Superimposed seams

4. Breathability is a important property required for [K₁]

- a) Winter jackets b) Sweaters
c) Intimate apparels d) Home textiles

5. Production Technology widely used for T-Shirt is [K₁]

- a) Cut and Sew b) Cut stitch shape
c) Fully Fashioning d) Integral

6. Raw material used for arm warmers are [K₂]

22. Discuss modern developments in circular knitting machines. [K₅]
23. Give the application of stitches and seams in innerwear garments. [K₄]
24. Describe operation sequence for production of Lingerie [K₃]
25. Discuss the fabric requirements for T-Shirts. [K₅]
26. Give the production technology used for sports and bifurcated garments. [K₃]
27. Write briefly on production of slipovers. [K₄]
28. Describe the integral garment production of socks. [K₅]
29. Highlight on the various factors that control the quality of knitwear garments. [K₅]
30. Write shortly on requirements of action and power stretch garments. [K₄]

PART D (2 x 10 = 20 Marks)

31. Explain in detail fabric requirements, operation sequence and production technology for manufacturing men's brief. [K₅]
32. Discuss in detail common stitching, seaming and assembly defects with respect to knitted apparels and suggest remedies to produce quality apparels. [K₅]
