





**PART C (6 x 5 = 30 Marks)**

21. Arrange and discuss the types of thermoregulation [K<sub>6</sub>]
22. Demonstrate how dampness and clamminess affect body comfort? [K<sub>3</sub>]
23. Demonstrate the properties evaluated using KES-F? Give specifications of test. [K<sub>2</sub>]
24. Compare different types of equipment used for measuring thermal resistance of fabrics [K<sub>5</sub>]
25. Analyze the relationship between subjective and objective evaluation of fabric comfort [K<sub>4</sub>]
26. Appraise on dimensions of comfort highlighting on clothing perception and preferences. [K<sub>4</sub>]

**PART D (4 x 10 = 40 Marks)**

27. Evaluate in detail the concept of Human-Clothing-Environment with respect to apparel comfort. [K<sub>5</sub>]
28. Explain in detail the significance of measurement of Low stress mechanical properties on apparels and develop the properties measured using FAST with simple sketches. [K<sub>6</sub>]
29. Analyze how will you measure the water vapour permeability in sportswear using cup method? Give necessary formulae [K<sub>4</sub>]
30. Body and Tactile sensations play a vital role in assessment of clothing comfort. Highlight and appraise on the various properties with relevant examples. [K<sub>5</sub>]

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