



B. TECH DEGREE EXAMINATIONS: APRIL / MAY 2023

(Regulation 2018)

Sixth Semester

FASHION TECHNOLOGY

U18FTE0002: Surface Ornamentation

COURSE OUTCOMES

- CO1:** Acquire skills in design development for the traditional designs and techniques of India
CO2: Develop knowledge in classification and gain skill to select parameters for raw materials and tools for surface ornamentation
CO3: Acquire skills in identifying and developing samples for different hand embroidery stitches
CO4: Acquire skills in identifying and developing samples for different traditional embroidery stitches
CO5: Recognize and identify the machine embroidery types and processes
CO6: Develop suitable designs and surface ornamentation for new product development

Time: Three Hours

Maximum Marks: 100

Answer all the Questions:-

PART A (10 x 2 = 20 Marks)

(Answer not more than 40 words)

- | | | |
|--|-----|-------------------|
| 1. Infer about the overview of traditional designs of India. | CO1 | [K ₃] |
| 2. Distinguish between free style embroidery and counted thread embroidery. | CO1 | [K ₄] |
| 3. Highlight the special features of backing materials for embroidery. | CO2 | [K ₄] |
| 4. Develop embroidery motifs to highlight the special features of Kasida and Kantha embroidery. | CO2 | [K ₆] |
| 5. Differentiate between French knot and Bullion Knot. | CO3 | [K ₆] |
| 6. With suitable designs highlight the differences between Kasuti work and Kantha work. | CO3 | [K ₂] |
| 7. Specify the differences between eyelet work and cut work with making procedures. | CO4 | [K ₃] |
| 8. Highlight the working principle of bobbin thread embroidery. | CO4 | [K ₆] |
| 9. Infer the working principle of the computerized embroidery machine with a flow chart. | CO5 | [K ₂] |
| 10. Give a short note on designer board preparation for a new product with inspiration as surface ornamentation. | CO6 | [K ₂] |

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

- | | | | | | |
|-----|----|---|----|-----|-------------------|
| 11. | a) | Explain briefly about the design development for products using the following techniques with suitable diagrammatic representation.
(i) Screen printing
(ii) Kalamkari printing | 10 | CO1 | [K ₂] |
| | b) | Analysis of characteristics on surface embellishment work of Painting & Embroidery on fabrics and explain with specific end uses. | 6 | CO1 | [K ₂] |
| 12. | a) | Highlight the compatibility of needles, thread, backing materials and fabrics or embroidery. | 8 | CO2 | [K ₆] |
| | b) | Narrate the salient features of attachments to sewing machines for embroidery with suitable examples. | 8 | CO2 | [K ₅] |
| 13. | a) | Develop suitable motifs and explain the working methods of hand embroidery Stitches. | 8 | CO3 | [K ₆] |
| | b) | Indian traditional embroidery is a tool for ethnic value addition of textiles and for self-employment'. Justify this statement with suitable examples. | 8 | CO3 | [K ₂] |
| 14. | a) | Elaborate the following work with design features and special characteristics:
(i) Mirror work ii) Shadow work | 8 | CO4 | [K ₃] |
| | b) | Design any three appliqué designs and highlight the working diagrams and characteristic features for developing the designs in different techniques. | 8 | CO4 | [K ₄] |
| 15. | a) | Narrate the salient features of the Tribal embroidery with suitable examples | 8 | CO4 | [K ₂] |
| | b) | Narrate the salient features of the different stitches used in phulkari embroidery with suitable examples. | 8 | CO5 | [K ₂] |
| 16. | a) | Design any two designs for sequins work and highlight the working diagrams for developing the designs in different techniques. | 8 | CO6 | [K ₄] |
| | b) | Enumerate about the development process plan and designer boards preparation for a new product with inspiration as surface ornamentation. | 8 | CO6 | [K ₃] |
