

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

BSc DEGREE EXAMINATION DECEMBER 2023
(Second Semester)

Branch – COSTUME DESIGN AND FASHION

WOVEN DESIGN AND FABRIC MANUFACTURE

Time: Three Hours

Maximum: 50 Marks

SECTION-A (5 Marks)

Answer ALL questions

ALL questions carry EQUAL marks

(5 x 1 = 5)

- 1 In Woven design the weft threads runs -----across the fabric.
(i) Longitudinally (ii) Horizontally
(iii) Diagonal (iv) Downwards
- 2 interlacement of warp and weft yarn is -----
(i) Weaving (ii) Knitting
(iii) Draping (iv) Fraying
- 3 ----- is basically a toweling fabric.
(i) Honeycomb (ii) Extra Weft
(iii) Plain (iv) Huck-a-Back
- 4 Calico weave is variously known as-----
(i) Twill weave (ii) Satin weave
(iii) Rib Weave (iv) Plain Weave
- 5 Bonding of fibres done for -----fabrics
(i) Non woven (ii) Knitted
(iii) Laced fabric (iv) weave fabric

SECTION - B (15 Marks)

Answer ALL Questions

ALL Questions Carry EQUAL Marks

(5 x 3 = 15)

- 6 a Explain about pirn winding and its usage.
OR
b Discuss about the sizing ingredients for warping.
- 7 a Explain about parts of looms in detail.
OR
b Compare the power loom with automatic looms.
- 8 a Describe the working principle of air jet loom.
OR
b Summarise the selvedge formation in detail.
- 9 a Summarise twill weave and its derivatives.
OR
b Highlight the constructing of backed fabric.

Cont...

- 10 a Compare weaved fabric and Non- woven fabrics.
OR
b Explain about the history of non woven fabric.

SECTION -C (30 Marks)

Answer ALL questions

ALL questions carry EQUAL Marks

(5 x 6 = 30)

- 11 a Outline the objective of winding process.
OR
b Explain about the types of packages.
- 12 a Interpret the preparatory process for weaving.
OR
b Discuss about the motions of loom in detail.
- 13 a Explain about dobby weaves.
OR
b Describe the working aspect of rapier loom in detail.
- 14 a Outline the process of extra weft figuring.
OR
b Design and develop the Huck A Back.
- 15 a Discuss about the web formation in non woven fabric.
OR
b Explain the applications of non woven in various fields.

Z-Z-Z

END