

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

BSc DEGREE EXAMINATION DECEMBER 2023
(Second Semester)

Branch – COSTUME DESIGN AND FASHION

KNIT DESIGN & 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 How many sets of yarns are used to make a knitted fabric?
 - (i) One
 - (ii) Two
 - (iii) Three
 - (iv) More than five
- 2 Identify the structure of knitting cam
 - (i) Angular type
 - (ii) Triangular type
 - (iii) Rectangular type
 - (iv) All the above
- 3 Which among the knitted fabric has no tendency to curl while cutting?
 - (i) Plain
 - (ii) Rib
 - (iii) Tricot
 - (iv) Purl
- 4 Interlining of loops in axial direction on a lateral array of needle is
 - (i) Weft knitting
 - (ii) Warp knitting
 - (iii) Circular knitting
 - (iv) Rib knitting
- 5 Swinging movement and shagging movements is related to ___ bar
 - (i) Guide
 - (ii) Sinker
 - (iii) Presser
 - (iv) Needle

SECTION - B (15 Marks)

Answer ALL Questions

ALL Questions Carry EQUAL Marks

(5 x 3 = 15)

- 6 a Compare Weaving and Knitting.
OR
b Explain the procedure to find out the stitch density.
- 7 a State the take up mechanism in Weft Knitting.
OR
b Narrate the knitting action of Latch needle.
- 8 a Compare the knit structure of Single and double jersey.
OR
b Explain the Purl knit structure.

Cont...

- 9 a Sketch the knitting action of Raschel Knit.
OR
b Show the application of Seamless Garments.
- 10 a Explain the basic knit structure of Rib and Cable stitch.
OR
b Bring out the Working principle of Flat bed pearl knitting.

SECTION -C (30 Marks)

Answer ALL questions

ALL questions carry EQUAL Marks

(5 x 6 = 30)

- 11 a Classify the Weft and Warp Knitting.
OR
b Discuss the terms- Wales, Course, Gauge and Loop length.
- 12 a Highlight the elements of Weft Knitting machine.
OR
b Elucidate the Knitting passage of Single Jersey Circular Knitting machine.
- 13 a Summarize the defects of knitted fabric and list its causes and remedies.
OR
b Discuss the knit structure of Purl Knit and Interlock Knit.
- 14 a Analyze the Principles of Warp Knitting.
OR
b Categorize the types of Warp knitting based on its standard structures.
- 15 a Discuss the passage of material through Flat weft Knitting.
OR
b Infer the quality control procedure for a Knitted Fabric.

Z-Z-Z END