

**PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)**

**BSc DEGREE EXAMINATION DECEMBER 2022
(Second Semester)**

Branch – COSTUME DESIGN AND FASHION

WOVEN FABRIC MANUFACTURING

Time: Three Hours

Maximum: 50 Marks

SECTION-A (5 Marks)

Answer ALL questions

ALL questions carry EQUAL marks (5 x 1 = 5)

1. Size add on % depends upon _____.
 (i) Machine speed (ii) Size concentration
 (iii) yarn count (iv) all of these
2. Pick Insertion rate is high for _____.
 (i) Rapier (ii) Projectile (iii) Air jet (iv) water jet
3. More suitable weave design for towel is
 (i) Plain (ii) twill
 (iii) satin (iv) huck a back
4. _____ needle is a self-acting needle.
 (i) latch (ii) spring beard
 (iii) compound (iv) all of these
5. Movement of guide bar from back to front and vice versa is known as _____.
 (i) Shogging (ii) Swinging
 (iii) knitting (iv) all of these

SECTION - B (15 Marks)

Answer ALL Questions

ALL Questions Carry EQUAL Marks (5 x 3 = 15)

6. a. Summarise the weaving techniques and weaving preparatory processes?
 (OR)
 b. Classify the Objects of winding process and its types in detail.
7. a. Make a outline of Primary motions of the Loom?
 (OR)
 b. Narrate about the looming process in detailed?
8. a. Sketch about the Shuttles Weaving Mechanism?
 (OR)
 b. Prepare about the Woven Fabric defects in detail.
9. a. Categorize the different Elements of Weave Design?
 (OR)
 b. Develop a short notes on Satin and Sateen Fabrics in detail.
10. a. Bring out few words about Non – Woven Fabric and its Types?
 (OR)
 b. Explain about the applications of Non – Woven Fabric?

Cont...

SECTION -C (30 Marks)

Answer ALL questions

ALL questions carry EQUAL Marks

(5 x 6 = 30)

11. a. Enumerate about Objects of warping, types of warping, Passage of material through high speed modern beam warping machine.

(OR)

b. Apply the Sizing Process in detail.

12. a. Make a Highlight about Passage of material through Plain power loom.

(OR)

b. Analyzing the motions in the loom.

13 a. Discover about the looms of Projectile in detail with its stages.

(OR)

b. Apply about the Rapier Loom.

14.a. Analyzing the Satin and Sateen weaves.

(OR)

b. Point out about the Leno and Pile fabrics.

15. a. Trace few words about the Non-Woven Techniques.

OR

b. Apply the Advantages and Disadvantages of Non-woven's.

Z-Z-Z

END