

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)
BSc DEGREE EXAMINATION DECEMBER 2024
(Fifth Semester)
Branch – COSTUME DESIGN AND FASHION
APPAREL MACHINERY AND EQUIPMENTS

Time: Three Hours

Maximum: 50 Marks

SECTION-A (5 Marks)

Answer ALL questions

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

- 1 The method of lay planning which groups the fabric layers with different length for better fabric utilization is
(i) Multiple ply (ii) Stepped ply
(iii) Single Ply (iv) Double ply
- 2 The machine which is used to cut small motifs and shapes in accurate manner is
(i) Scissor (ii) Die cutter
(iii) Straight Knife (iv) Round knife
- 3 The device which helps to move the fabric in forward direction during sewing process is
(i) Needle clamp (ii) Pressure foot
(iii) Throat plate (iv) Feed Dog
- 4 In the sewing mechanism, _____ raises and lowers in vertical axis connected to the needle in the upper shaft transmit.
(i) Reel (ii) shaft
(iii) crank (iv) creel
- 5 The resin is passed through the base fabric due to improper temperature and pressure during fusing process is
(i) Striking back (ii) Striking mark
(iii) Striking through (iv) Striking Side

SECTION - B (15 Marks)

Answer ALL Questions

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

- 6 a. State the type of tools used in fabric spreading of garment industry.
OR
b. Summarise the scope and application of Computer aided markers.
- 7 a. Define cutting. Mention the importance of cutting process in production department.
OR
b. Write short note on straight knife cutting machineries with diagram.
- 8 a. Explain the functions of an overlock sewing machine.
OR
b. Differentiate the single needle and double needle sewing machine based on their functions.
- 9 a. Give a note on problems in sewing machines.
OR
b. Explain the functions of blind stitching machine.

Cont...

- 10 a. Write short note on garment folding.
OR
b. Explain the purpose of fusing in garment Industry.

SECTION -C (30 Marks)

Answer ALL questions

ALL questions carry EQUAL Marks

(5 x 6 = 30)

- 11 a. What are the different types of markers used in pattern making?
OR
b. Discuss the types of spreading equipments used to lay the fabric.
- 12 a. Discuss about the working mechanism involved in round knife and band knife cutting machine.
OR
b. Enumerate the computerized cutting machines in detail.
- 13 a. Elucidate the parts and functions of Flat Lock machine with suitable diagram.
OR
b. Write a brief note on specials attachments used in sewing machines.
- 14 a. Discuss about the Stitching mechanism of sewing machine with suitable examples.
OR
b. Enumerate the working mechanism of buttonhole and button fixing machine with suitable diagram.
- 15 a. Classify the different types of fusing machineries used in garment finishing.
OR
b. Categorize the different packaging materials used in garment packing.

Z-Z-Z

END