

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

BSc DEGREE EXAMINATION DECEMBER 2022
(Third Semester)

Branch – COSTUME DESIGN AND FASHION

APPAREL MACHINERY AND EQUIPPMENTS

Time: Three Hours

Maximum: 50 Marks

SECTION-A (5 Marks)

Answer ALL questions

ALL questions carry EQUAL marks

(5 x 1 = 5)

1. Which spreading machine is suitable for all fabrics like open knitted fabric roll or flat folded full lycra, tubular fabric and woven fabrics
(i) Manual (ii) Electronic
(iii) Semi automatic (iv) Fully automatic
2. Which cutting tool is used when a higher standard of cutting accuracy is required?
(i) Round knife (ii) Band knife
(iii) Die cutting machine (iv) Manual cutting
3. What is the function of a shuttle in a sewing machine?
(i) To control the length of the stitch
(ii) To keep the fabric flat
(iii) To regulate the pressure on the fabric
(iv) To facilitate the loading and unloading of the bobbin case
4. Compound feed is used for sewing_____
(i) Heavy weight fabrics (ii) Lining materials
(iii) Slippery fabrics like velvet and edge stitching (iv) All the above
5. Mention the efficient component of pressing
(i) High heat (ii) Constant temperature
(iii) Controlled pressure (iv) All the above

SECTION - B (15 Marks)

Answer ALL Questions

ALL Questions Carry EQUAL Marks

(5 x 3 = 15)

- 6 a Explain the fabric spreading method in a garment industry.
OR
b State the functions of notches and drills.
- 7 a Choose the suitable cutting tool for delicate fabrics and explain its cutting procedure.
OR
b Explain the cutting procedure using straight knife cutting machine.
- 8 a Describe the working procedure of over lock sewing machine.
OR
b Narrate the minor problems and remedies of sewing machine.

Cont...

- 9 a Summarize the time sequence in stitch formation.
OR
b Narrate on the sewing machine beds and its types.
- 10 a State the latest developments in sewing machinery.
OR
b Classify the pressing equipments.

SECTION -C (30 Marks)

Answer ALL questions

ALL questions carry EQUAL Marks

(5 x 6 = 30)

- 11 a Analyze the marking methods.
OR
b Elucidate the types of spreads and its quality.
- 12 a Infer the computerized cutting machines.
OR
b Examine the functions of band knife cutting machine.
- 13 a Discuss the sewing machine special attachments.
OR
b Summarize on the specialty sewing machines.
- 14 a Enumerate the elements of feed mechanism.
OR
b Explain in detail about loop and loop spreader and shuttle and shuttle hooks.
- 15 a Distinguish the categories of pressing.
OR
b Discuss in detail about packing materials and tools.

Z-Z-Z

END