

PSG COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)

BSc DEGREE EXAMINATION MAY 2024  
(Sixth Semester)

Branch – COSTUME DESIGN AND FASHION

**DISCIPLINE SPECIFIC ELECTIVE – II: APPAREL MANUFACTURING**  
**PRINCIPLES AND PRACTICES**

Time: Three Hours

Maximum: 50 Marks

**SECTION-A (5 Marks)**

Answer ALL questions

ALL questions carry EQUAL marks

(5 x 1 = 5)

- 1 In production planning, what does the term 'lead time' refer to?
  - (i) The time it takes for a product to lead the market in sales
  - (ii) The time from starting production to the delivery of the final product
  - (iii) The duration of the warranty period for a manufactured product
  - (iv) The time it takes to lead a team in the production department
- 2 Which machine is used to remove dust particles from garments?
  - (i) Thread sucking machine
  - (ii) Bar tacking machine
  - (iii) Laundering machine
  - (iv) Drying machine
- 3 What is the another term for production department?
  - (i) Cutting department
  - (ii) Planning department
  - (iii) Finishing department
  - (iv) Sewing department
- 4 In which layout the production time per unit is generally high?
  - (i) Process
  - (ii) Group
  - (iii) Product
  - (iv) Practice
- 5 A time study is done to assess how long it will take to perform a task by \_\_\_\_\_.
  - (i) An apprentice
  - (ii) Sluggish worker
  - (iii) Quick worker
  - (iv) A typical employee

**SECTION - B (15 Marks)**

Answer ALL Questions

ALL Questions Carry EQUAL Marks

(5 x 3 = 15)

- 6 a Illustrate the structure of textile and clothing industry.  
OR  
b Indicate the importance of finishing department in the garment industry.
- 7 a Briefly explain the accessories used during apparel manufacturing.  
OR  
b State the advantages of using embroidery machine.
- 8 a List the stages of production planning and control department.  
OR  
b Identify the significance of modular production system.
- 9 a Mention the types of Layout.  
OR  
b How to do a capacity planning?
- 10 a Define time study.  
OR  
b State the role of string diagram in work study.

Cont...

**SECTION -C (30 Marks)**

Answer **ALL** questions  
**ALL** questions carry **EQUAL** Marks (5 x 6 = 30)

- 11 a Summarize fabric sourcing and inspection.  
OR  
b Outline the role of merchandiser.
- 12 a Explain the feed of the arm machine working principles and applications.  
OR  
b Discuss any three types of seams used during garment manufacturing.
- 13 a Analyze the role of PPC in garment industry.  
OR  
b Distinguish any two flow process grids and charts used in industry.
- 14 a Justify the things to be considered for setting up of garment industry.  
OR  
b Summarize the factors influencing plant lay out.
- 15 a Point out the techniques used to arrive standard allowed minutes.  
OR  
b Discuss the method of conducting work study.

Z-Z-Z

END