

# 17460

**11920**

**3 Hours / 100 Marks**

Seat No.

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- Instructions* –
- (1) All Questions are *Compulsory*.
  - (2) Answer each next main Question on a new page.
  - (3) Illustrate your answers with neat sketches wherever necessary.
  - (4) Figures to the right indicate full marks.
  - (5) Assume suitable data, if necessary.
  - (6) Use of Non-programmable Electronic Pocket Calculator is permissible.
  - (7) Mobile Phone, Pager and any other Electronic Communication devices are not permissible in Examination Hall.

**Marks**

- 1. Attempt any FIVE of the following: **20****
- a) Give the importance of marker making in apparel industry.
  - b) Justify, Cutting is precise procedure for developed garment.
  - c) Enlist the names and their functions used for women's party wear dress.
  - d) Draw threading diagram for 4-thread overlock machinery.
  - e) Describe stitch sequence with flat lock machine.
  - f) Explain the significance of time, temperature and pressure in fusing.
  - g) Describe working of blind stitch machine.

P.T.O.

- 2. Attempt any TWO of the following:** **16**
- a) Discuss the use of computer aid in garment manufacturing process.
  - b) (i) Compare portable knife and stationery knife  
(ii) State the various defects observed in cutting and state their remedies.
  - c) (i) Suggest the needle sizes for light weight to heavy fabrics.  
(ii) Give the needle classification based on cutting point. Also state the significance of each class.
- 3. Attempt any TWO of the following:** **16**
- a) For a sewing machine, explain working of :
    - (i) Throat plate
    - (ii) Take off device.
  - b) Explain construction and working of a over lock machine.
  - c) State and explain various accessories used for pressing machines in brief.
- 4. Attempt any TWO of the following:** **16**
- a) Explain the function:
    - (i) Bobbin shuttle
    - (ii) Loop formation
  - b) Explain the various types of fabrics and resins used in fusing. Explain in brief manufacturing method of resin.
  - c) (i) Distinguish between One way and Two way spread.  
(ii) How does pantograph used for making a marker?

**5. Attempt any TWO of the following:****16**

- a) Explain following operation:
  - (i) Automatic spreading
  - (ii) Manual spreading
- b) Explain working of die cutting machine.
- c) (i) Explain stitch length selection
  - (ii) Draw the threading diagram for 5-thread overlock machine.

**6. Attempt any FOUR of the following:****16**

- a) State the various specialised Knives? Explain any one.
  - b) Explain the function of loopers.
  - c) Give the significance of differential needle heights and loop spreader in flat lock machine.
  - d) Explain : differential feed ratio.
  - e) Define seam puckering? Explain the factors affecting for seam puckering.
  - f) Explain construction and working of garment folding machine.
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