

314349

12526

3 Hours / 70 Marks

Seat No.

| | | | | | | | |
|--|--|--|--|--|--|--|--|
| | | | | | | | |
|--|--|--|--|--|--|--|--|

-
- 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) Mobile Phone, Pager and any other Electronic Communication devices are not permissible in Examination Hall.

Marks

- 1. Attempt any FIVE of the following : **10****
- a) Define ‘sectional’ and ‘interlocked marking plans’.
 - b) Enlist types of fabric packages received in apparel manufacturing industry stores.
 - c) Define ‘cutting’.
 - d) Define ‘work-aids’.
 - e) Suggest cutting tools for -
 - i) marking dart legs
 - ii) marking dart apex
 - f) Classify sewing needles on basis of cutting point.
 - g) Enlist any four specialised presser feet.

P.T.O.

- 2. Attempt any THREE of the following : 12**
- a) Analyse importance of longer length fabric packages in cutting department with example.
 - b) Describe construction and working of band knife cutting m/c.
 - c) Explain parts and functions of sewing needle with sketch.
 - d) State functions of -
 - i) Feed dog
 - ii) Stitch length regulator
 - iii) Take up lever
 - iv) pressure foot
- 3. Attempt any THREE of the following : 12**
- a) Suggest any two safety measures to be take in cutting department and justify the need.
 - b) Explain differential feed mechanism with sketch.
 - c) Suggest threading for buttonhole and buttonshitch m/cs with line diagrams.
 - d) Explain methods of resin application of fusible interlining.
- 4. Attempt any THREE of the following : 12**
- a) Analyse factors affecting efficiency of a marker plan.
 - b) Compare straight knife with round knife cutting m/c.
 - c) Forecast any three defects due to faulty needles and suggest the remedial measures.
 - d) State any four of flat lock and feed of the arm m/c each.
 - e) Analyst the functioning of collar turning m/c.

- 5. Attempt any TWO of the following :** **12**
- a) Compare manual spreading with m/c spreading with respect to features and advantages.
 - b) Analyst principles of -
 - i) laser cutting
 - ii) ultrasonic cutting
 - iii) waterjet cutting
 - c) Describe construction and working of -
 - i) flat bed
 - ii) conveyor belt fusing m/c
- 6. Attempt any TWO of the following :** **12**
- a) Explain -
 - i) Stitch formation mechanism and
 - ii) Take up lever mechanism in SNLS m/c.
 - b) Explain use of folders and binders with examples.
(Any three uses each)
 - c) Analyse the need of pressing with suitable examples.
-