

314349

24225

3 Hours / 70 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) Mobile Phone, Pager and any other Electronic Communication devices are not permissible in Examination Hall.

Marks

1. Attempt any FIVE of the following : 10
- Define 'Marker Planning.'
 - Write principle used in Ultrasonic and water jet cutting.
 - State any two advantages of using Hemmers.
 - Define 'Spreading.'
 - State function of long and short groove in sewing needle.
 - Enlist the requirements of quality cutting.
 - Define 'Work-aids.'

P.T.O.

- 2. Attempt any THREE of the following :** **12**
- a) Differentiate between Manual marker planning and computerised marker planning.
 - b) Explain construction of band knife cutting machine.
 - c) Explain American and European sewing needle numbering system.
 - d) Write functions of throat plate, feed dog, back-tack lever and take-up lever.
- 3. Attempt any THREE of the following :** **12**
- a) Differentiate between straight knife and band knife cutting machine.
 - b) Suggest the differential feed setting for knitted and woven fabrics with reasoning.
 - c) Describe the objectives of Pressing.
 - d) Compare Overlock machine with flatlock machine.
- 4. Attempt any THREE of the following :** **12**
- a) Write one application each for different types and forms of spread.
 - b) Describe water jet cutting technique in detail.
 - c) Explain the selection criteria for sewing needles.
 - d) Draw threading diagram for buttonhole and buttonstitch machine.
 - e) Suggest the relevant work-ads for each step in formal shirt stitching.

5. Attempt any TWO of the following : 12

- a) State the different types of fabric packages. Elaborate on the importance of longer length fabric package in garment industry.
- b) Forecast any three defects in cutting and suggest remedial measures.
- c) Explain construction and working of conveyor belt fusing machine.

6. Attempt any TWO of the following : 12

- a) Describe construction and working of feed of the arm machine.
 - b) Describe placket making and pocket making attachments.
 - c) Suggest need for under pressing and top pressing with three different garment examples each.
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