

22469

12425

03 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) 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 ‘half garment marker’.
 - b) State concept of seam puckering.
 - c) Enlist requirements of quality cutting.
 - d) Draw a labelled diagram of sewing needle.
 - e) State functions of long groove and short groove in sewing needle.
 - f) Define ‘spreading’.
 - g) Define ‘folder’.

P.T.O.

- 2. Attempt any THREE of the following :** **12**
- a) Give process flow chart in apparel industry and state any two functions of each department.
 - b) Describe principles of laser cutting and water-jet cutting.
 - c) Explain American and European needle numbering systems.
 - d) Describe differential feed mechanism in overlock machine.
- 3. Attempt any THREE of the following :** **12**
- a) Differentiate between round knife and band knife cutting machines.
 - b) Name the attachments sewing machines used for making shirt and trouser.
 - c) Draw any four type of stitch sequences produced in flat lock machine and state settings for the same.
 - d) Explain requirements of 'pressing' in apparel industry.
- 4. Attempt any THREE of the following :** **12**
- a) Explain requirements for quality spreading.
 - b) Give line diagram for different forms of spreading and state its application with one example each.
 - c) Draw the threading diagrams for buttonhole and button stitch machines.
 - d) Give application of any four types of modified pressure feet.
 - e) Describe construction and working of collar turning machines.

5. Attempt any TWO of the following :**12**

- a) Describe construction and working of straight knife cutting machines.
- b) State working and uses of 'Feed of the arm' machine.
- c) Explain working of conveyor belt fusing machine with neat sketch.

6. Attempt any TWO of the following :**12**

- a) Enlist any three defects in cutting and suggest the remedies for the same.
 - b) Give functions of –
 - i) take up lever
 - ii) back stitch lever
 - iii) shuttle
 - iv) oil pump
 - c) Describe following pressing equipments –
 - i) Vacuum steam press
 - ii) Steam air finisher
 - iii) Steam tunnel
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