

17460

16172

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

Marks

1. **Attempt any TEN of the following:** **20**
- a) State any two objectives of marker making.
- b) List the types of fabric packages.
- c) State the functions of following specialised knives:
- (i) Notchers
- (ii) Drill
- d) State the requirements of quality cutting.
- e) List the types of cutting machines with examples.
- f) State the various sizes of needles.
- g) Give the position of needle in SNLS.
- h) Write the function of presser foot.
- i) List any four defects observation due to faulty needles.
- j) State the advantages of using work-aids.

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- k) Write function of 'loopers' in flat lock machine.
- l) State objective of tension setter? Give procedure to set the tension.
- m) Write features of modern sewing machines. Name two manufacturers of them.
- n) State feature of blind stitch machine? Write it's application

2. Attempt any TWO of the following: 16

- a) Compare 3-thread with 5 thread overlock machine. Describe pedal mechanism in overlock machine.
- b) Explain the working of flat lock machine. Draw the threading diagram for 5-thread flatlock machine.
- c) Explain the various types of fabrics resins used in fusible interlining. Explain methods of application of resin.

3. Attempt any TWO of the following: 16

- a) Discuss the requirement of fabric spreading? Compare manual spreading and automatic spreading.
- b) Describe working of band knife cutting and die cutting machine. State their advantages.
- c) Give the classification of needles according to their shape. What is the pantograph? Explain its use in marker making.

4. Attempt any TWO of the following: 16

- a) Explain computer aided, button sewing machine. Draw and describe threading of bar tack machine.
- b) State the importance of feed dog height and angles in over lock machines. Draw the threading diagram of 3-thread overlock machine.
- c) Describe working of high pressure stem pressing machine. State the requirements of fusing.

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

- a) Explain types of marker making. Define marker and explain single size and multiple size markers.
- b) Explain following points :-
 - (i) Pressing m/c accessories
 - (ii) Pressing m/c equipments
- c) State the factors affecting stitch length selection in a sewing machine. Draw a threading diagram of Blind stitch machine.

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

- a) Explain function of tongue chaining plate and take off device in a sewing machine.
 - b) Explain working of:
 - (i) Pocket making attachment
 - (ii) Hemmers
 - c) Draw threading diagram for 5-thread overlock machine and label it. Explain sewing problems.
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