

17570

21415

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. Solve **any 5**: $(5 \times 4 = 20)$

- a) Explain in brief structure and sectors of clothing industry.
- b) State the importance of clothing/apparel industry.
- c) Enlist the principles of pattern drafting.
- d) Explain in brief methods of spreading.
- e) Compare between lock stitches and chain stitches.
- f) Explain feed mechanism of sewing machine.
- g) Explain in brief importance of care labeling in apparel industry.

2. Solve any 2: $(2 \times 8 = 16)$

- a) Explain objectives of spreading.
- b) Enlist the various steps involved in production of sample garments.
- c) Draw diagram of machine needle and explain in brief types of machine needles used in apparel industry.

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MARKS

3. Solve any 2: (2×8=16)

a) With the help of diagram explain the construction method of following seams

- i) Lapped
- ii) Bound.
- b) Illustrate and explain the symbols used on care labels.
- c) Enlist and explain garment marketing steps and techniques.

4. Solve any 2: (2×8=16)

- a) Differentiate between pattern grading and pattern drafting.
- b) Explain in brief objectives of cutting and state various methods of cutting.
- c) Explain in brief requirement and types of sewing machine work aids.

5. Solve any 2: (2×8=16)

- a) State the importance of pressing and packing in apparel industry.
- b) Explain the export procedure for apparel.
- c) Explain in brief with diagram eight head theory of body measurements.

6. Solve any 2: (2×8=16)

- a) Enlist and explain bulk cutting tools used in garment industries.
- b) Explain in brief:
 - i) How to convert a fabric to a lay?
 - ii) The requirements of spreading process.
- c) How industrial revolution improved the production process in apparel industry?