

(Following Paper ID and Roll No. to be filled in your
Answer Books)

Paper ID : 164615

Roll No.

--	--	--	--	--	--	--	--	--	--

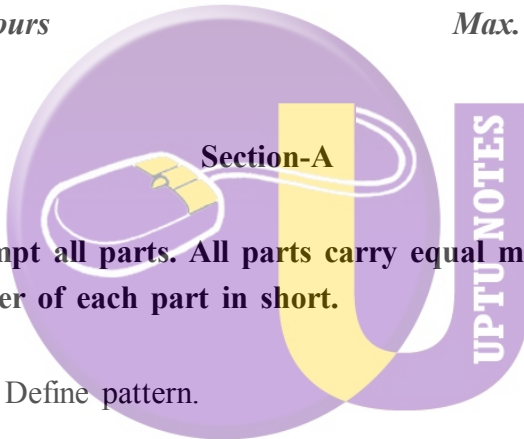
B.TECH.

Theory Examination (Semester-VI) 2015-16

HOME TEXTILE MANUFACTURE-I

Time : 3 Hours

Max. Marks : 100



- 1. Attempt all parts. All parts carry equal marks. Write answer of each part in short. (2×10=20)**

- (a) Define pattern.
- (b) What are the demerits of commercial pattern?
- (c) What is symmetric fabric?
- (d) Define fabric grain lines.

- (e) What is the efficiency of the marker plan ?
- (f) What are the various precautions required to avoid unscorched and unfused edges of thermoplastic fibre fabrics during cutting?
- (g) What is the limitation of round knife?
- (h) Define stitch.
- (i) Write down the name of 3-parts of drop feed sewing machine feeding mechanism.
- (j) What is fusing process?

Section-B

UPTU NOTES

2. Attempt any five questions from this section.

(10×5=50)

- (a) Explain straight knife cutting tool with suitable sketch.
- (b) Describe differential bottom feed system with suitable sketch.

- (c) Write down the advantages of lockstitch over other stitches. Explain formation of a lockstitch with figure.
- (d) What is seam? Explain lapped seam along with its example and suitable line diagram.
- (e) Explain methods for calculating sewing thread "Ticket Number".
- (f) What is the objective of pressing? Describe various purposes of pressing.
- (g) Explain guides work aids used during sewing operation with suitable diagram.
- (h) What are the different requirements of fusing?

Section-C

Attempt any two questions from this section.

(15×2=30)

3. Explain selection criteria of a sewing needle for various types of textile and non-textile materials.

4. Draw diagrams of single needle lock stitch treadle sewing machine, feed mechanism and bobbin mechanism with its showing all parts.
5. Enlist various fusing equipments. Discuss specialised fusing presses with figure.

