

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

Paper ID : 164860

Roll No.

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B.TECH.

Theory Examination (Semester-VIII) 2015-16

ADVANCES IN HOME TEXTILE

Time : 3 Hours

Max. Marks : 100

Section-A

1. **Note: Attempt all questions. All questions carry equal marks. Write answer of each part in short.**

(2×10 = 20)

- (a) What are the various applications of wool fibre in home interior?
- (b) Name any two flame retardant fillers.
- (c) Write down the important characteristics of warp knit fabrics.
- (d) Write down basic structures of woven fabrics.
- (e) Define seam.

- (f) What are the various stitch classes?
- (g) What do you understand by ideal flame retardant?
- (h) Write any four functional properties of a carpet.
- (i) What is OEKO-Tex standard 100?
- (j) What are the various functions of sewing machine needles?

Section-B

2. Attempt any five questions from this section.

(10×5 = 50)

- (a) Discuss “Vertical blind” vis a vis coir.
- (b) What are the advantages of using polyamide as Interior textiles.
- (c) Explain various textiles used in interior designing of a car.
- (d) What are the various factors responsible for indoor air pollution?
- (e) With the help of neat diagram, explain various upholstery seams.

- (f) What are the various shapes of sewing machine needle points? Explain with their applications.
- (g) Discuss various in-organic flame retardants used in textiles.
- (h) What are the various advance methods of joining of fabrics?

Section-C

Note: Attempt any two questions from this section

(15×2 = 30)

- 3. What is seam puckering? What are the precautions required to avoid seam puckering?
- 4. How the textile materials are useful in improving the indoor environmental problems? Explain.
- 5. How the certification can address the environmental issues of a Home Textile Organization? Explain in details with examples.