

Q5. Attempt any *two* questions from the following : 10x2=20

- (a) Discuss the essential properties of a carpet.
- (b) How can you classify different types of floor covering?
Discuss each type in detail.
- (c) What are the different types of sources that create indoor environmental pollution?

Printed Pages : 4



EHTT805

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

PAPER ID : 164860

Roll No.

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B. TECH
(SEM. VIII) THEORY EXAM. 2014-15
ADVANCES IN HOME TEXTILES

Time : 3 Hours]

[Total Marks : 100

- Note :** 1) Attempt all questions
2) All questions carry equal marks.

Q1. Attempt any *two* questions from the following : 10x2=20

- (a) Discuss advantages of natural fibres over synthetic fibres in Interior applications.
- (b) Write down properties and chemical structure of polyester with its application in Interior textiles.

- (c) Write down properties and chemical structure of polypropylene and polyethylene with its application in Interior textiles.

Q2. Attempt any *two* questions from the following : 10x2=20

- (a) What are the various shapes of lockstitch sewing machines? Explain feeding mechanism of a sewing machine.
- (b) What is seam puckering? Discuss various reasons for seam puckering.
- (c) Write down the functions of various parts of an industrial sewing needle with its diagram.

Q3. Attempt any *two* questions from the following : 10x2=20

- (a) Explain general characteristics of flame retardant chemicals.

- (b) Explain a standard test for assessing upholstered furniture flammability.

- (c) How the fire hazards can be reduced in upholstered furniture?

Q4. Attempt any *two* questions from the following : 10x2=20

- (a) Write a short note on smart fabrics used in interior textiles.
- (b) Which type of curtains do you suggest to decorate an Indian rural house for summer season? Discuss the manufacturing of such curtains starting from selection of raw material to finishing stage.
- (c) Distinguish between readily combustible materials and fire resistive materials.