

**MASTER OF BUSINESS ADMINISTRATION
(TEXTILE MANAGEMENT) (MBATEXM)**

Term-End Examination

December, 2014

00265

**MCTE-044 : TECHNICAL TEXTILES
MANAGEMENT**

Time : 3 hours

Maximum Marks : 100

Note : Answer any **five** questions. All questions carry equal marks.

1. (a) What are Technical Textiles ? Explain in detail about the various broad segments of Technical Textiles. 2+8=10
- (b) Discuss in detail about the consumption of Technical Textiles in developed countries. 10

2. Discuss broadly about the various technologies used for production of Technical Textiles with reference to
 - (a) Spinning 10
 - (b) Weaving 10

3. Discuss in detail about the various finishing techniques used in Technical Textiles. 20
4. (a) Define Heat-setting and briefly explain the process. 10
- (b) What are the various chemical finishes for fire retardant technical textiles ? 10
5. Discuss briefly about the textiles used in passenger cars. Explain the design logic of a seat cover. 10+10=20
6. Describe briefly about Water-proof and Vapour-permissible textiles with specific reference to their performance. 20
7. Write short notes on the following : 5×4=20
- (a) Implantable Textiles
- (b) Filtration Textiles
- (c) Smart Textiles
- (d) Phase Change Materials
- (e) Geo Grid
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