

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

Term-End Examination

June, 2013

**MCTE-046 : INDUSTRIAL ENGINEERING
PRACTICES IN TEXTILE AND APPAREL
INDUSTRY**

Time : 3 hours

Maximum Marks : 100

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

1. (a) Define method study and explain the basic steps required to carry out method study. 20
- (b) Define work measurement and explain the procedure to carry it out.

2. (a) Describe step by step procedure to assess the work load of labour working in a spinning preparatory department through the application of work study technique. 20
- (b) State the work allocation norm for Drawing Tenter-First Passage and Second Passage and Speed Frame Tenter and Speed Frame doffer boy.

3. (a) Explain the procedure to assess the work load of Doffer Boy working in spinning. 20
- (b) Elucidate using example the procedure to estimate Ring Frame Tenter assignment that could be given for the existing breakage rate so as to have standard work load.
4. (a) Define HOK (Operative Hours to Produce 100 kg of Yarn) and P (Production per spindle per shift of 8 hrs) adjusted to 40s count. 20
- (b) Describe with an example the method calculating overall production per spindle in ring frame adjusted to 40s count.
5. (a) Describe step by step procedure to assess the work load of winder working in an Automatic winding through the application of work study technique. 20
- (b) Using an example explain the method of calculating production and efficiency standard of a sizing machine.
6. Explain the steps involved in calculating the various productivity indices of weaving. 20
7. Elucidate procedure adopted to achieve sewing line balancing. 20

8. (a) Describe the factors affecting the working condition. 20
- (b) Write short notes on Motivation.
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