THE TEXTILE ASSOCIATION (INDIA)
G.M.T.A. (REVISED) EXAMINATION – 2015
SECTION –D PAPER POD-3

QUALITY AND ENVIRONMENT MANAGEMENT SYSTEMS IN WET PROCESSING

Date: 31.12.2015                        Marks: 100                        Time: 2 pm to 5 pm

Instructions: 1. Attempt six questions out of which Q1 is compulsory
               2. Answer each next question on new page
               3. Figure to the right indicate full marks
               4. Illustrate your answers with sketches and flow chart wherever necessary
               5. Use of non programmable electronic pocket calculator permissible
               6. Mobile and any other communication devices are not allowed in exam hall.
               7. Assume suitable data wherever necessary

Q1 Discuss implementation plan of environmental management system EMS-ISO14000 in a textile mill. 20
Q2 Discuss different factors responsible to management of environment and quality in textile processing. 16
Q3 Differentiate the process quality and product quality with reference to mending strategies in a textile manufacturing unit. 16
Q4 Discuss an implementation plan of quality management system QMS-ISO 9000 in a spinning unit. 16
Q5 What is continual improvement in the quality system? Discuss the same with Deming’s philosophy. 16
Q6 Discuss Total Quality Management (TQM). Give an account of different elements of TQM with reference to the quality management system. 16
Q7 Discuss statistical process control. How does statistical process control differs from quality control and quality assurance? 16
Q8 Write short note on the following:-
       i. 5S concepts and quality ii. Bench marking 16

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