THE TEXTILE ASSOCIATION (INDIA)
GMTA EXAMINATION – 2018
SECTION – D PAPER – POD.3
QUALITY & ENVIRONMENT MANAGEMENT SYSTEM IN WET PROCESSING

Date: 29.12.2018          MARKS: 100          Time: 02.00 pm to 05.00 pm

Instructions:
1. Attempt any Six questions out of which Q.1 is Compulsory
2. Answer each next question on new page
3. Figures to the right indicate full marks
4. Illustrate your answers with neat sketches & flow charts wherever necessary
5. Use of non-programmable electronic pocket calculator is permissible
6. Mobile and any other communication devices are not allowed in the Examination hall.
7. Assume suitable data wherever necessary

Q1 a Discuss implementation of Quality Management System (QMS ISO 9001) in a printing unit.          10
    b Discuss implementation of Environment Management System (EMS ISO 14001) in a printing unit.          10
Q2 a Discuss various clauses of QMS ISO 9001.          08
    b Discuss various clauses of EMS ISO 14001.          08
Q3 a State the difference between the conventional and modern quality management Systems.          08
    b Discuss briefly the principles of Deming, Juran and Crossby of Quality Management.          08
Q4 a Discuss Quality circles in relation to textile dyeing unit.          08
    b Give an account of PDCA Cycle in Demings Principles.          08
Q5 a Discuss Statistical quality control with quality control charts.          08
    b State the differences between quality control and process control in wet processing. Discuss the merits of process control.          08
Q6 a Discuss 5S concept and its application in cotton textile processing.          08
    b Describe Just In Time (JIT) system          08
Q7 a Write a note on Benchmarking in quality upgradation.          08
    b Discuss business process re-engineering in relation to silk processing unit.          08
Q8 a Write a note on ‘Supply Chain Management’ in wet processing of textiles.          08
    b Discuss the concept of Total Quality Management (TQM) in wet processing.          08