

MSc DEGREE EXAMINATION MAY 2026

(Fourth Semester)

Branch – **COSTUME DESIGN AND FASHION****TOTAL QUALITY MANAGEMENT IN APPAREL INDUSTRY**

Time: Three Hours

Maximum: 75 Marks

SECTION-A (10 Marks)Answer **ALL** questions**ALL** questions carry **EQUAL** marks

(10 × 1 = 10)

Question No.	Question	K Level	CO
1	Which of the following is NOT a key principle of TQM? a) Customer-focused approach b) Employee involvement c) Ignoring process improvements d) Continuous improvement	K1	CO1
2	What is the purpose of the TQMEX model? a) To replace traditional management practices with automation b) To integrate TQM principles into an organization's excellence framework c) To reduce employee engagement in quality management d) To focus only on financial performance	K2	CO1
3	The PDCA cycle stands for: a) Plan-Do-Check-Act b) Prepare-Develop-Control-Apply c) Process-Design-Check-Analyze d) Plan-Direct-Communicate-Act	K1	CO2
4	Kaizen focuses on: a) Rapid and drastic change in an organization b) Continuous small improvements involving all employees c) Only improving manufacturing processes d) Making large investments in new technology	K2	CO2
5	How is quality commonly defined in the context of Total Quality Management (TQM)? a) Conformance to customer requirements b) Producing at the lowest cost c) Increasing market share d) Eliminating human involvement in production	K1	CO3
6	What is the primary goal of quality planning? a) Setting quality objectives and defining necessary processes b) Reducing product costs c) Eliminating customer feedback d) Limiting the involvement of employees in decision-making	K2	CO3
7	Which of the following is a commonly used tool in Total Quality Management (TQM)? a) Gantt Chart b) Control Charts c) Profit and Loss Statement d) SWOT Analysis	K1	CO4
8	What is the primary goal of Total Productive Maintenance (TPM)? a) To improve equipment efficiency and reduce downtime b) To eliminate human involvement in manufacturing c) To replace all manual processes with automation d) To focus only on reducing production costs	K2	CO4
9	What is the primary focus of SA8000 certification? a) Workplace conditions and social accountability b) Environmental sustainability c) Financial reporting d) Product quality testing	K1	CO5
10	What does the Oeko-Tex Standard certify? a) The absence of harmful substances in textiles b) The efficiency of financial operations c) The durability of fabrics d) The colorfastness of textiles	K2	CO5

Cont...

Answer **ALL** questions
ALL questions carry **EQUAL** Marks (5 × 7 = 35)

Question No.	Question	K Level	CO
11.a.	What are the barriers of TQM?	K2	CO1
(OR)			
11.b.	Summarize the TQM concepts.		
12.a.	Interpret the 5'S practice.	K3	CO2
(OR)			
12.b.	Analyze the stages of FMEA?		
13.a.	Build a note on the elements of cost of quality?	K3	CO3
(OR)			
13.b.	Define customer focus.		
14.a.	Explain about bench marking.	K4	CO4
(OR)			
14.b.	Construct a note on the concept of Total Productive Maintenance.		
15.a.	Recall about the need of ISO 9000 series.	K4	CO5
(OR)			
15.b.	Outline the elements of EMS.		

SECTION -C (30 Marks)

Answer **ANY THREE** questions
ALL questions carry **EQUAL** Marks (3 × 10 = 30)

Question No.	Question	K Level	CO
16	Analyze the need for TQMEX model.	K3	CO1
17	Summarize on PDCA and PDSA cycle.	K2	CO2
18	Construct a note on Product Lifecycle Management.	K6	CO3
19	Illustrate on Quality Function Deployment.	K5	CO4
20	Outline about Oekotex standard.	K4	CO5

Z-Z-Z

END