

**Avinashilingam Institute for Home Science and Higher Education for Women
Coimbatore – 641 043.**

Master's Degree Examination – November 2017

III Semester

**Class : II PG
Major : Bio Textiles**

**Time: 3 hours
Max. Marks: 60**

12MBXC15 Quality Control

Part A

10 x 1/2 = 5

Choose the correct answer

1. For a _____ quality during production focuses on making sure that the product meets the specifications required by the design.
a.manufacturer b.consumer c.seller d.retailer
2. In a garment industry, quality control starts from _____
a. sourcing of raw materials b. fiber stage c.yarn stage d.fabric stage
3. Missing loop is a defect found in _____ fabric
a. woven b.non woven c. knitted d. all the above
4. _____ plan ensures minimum fabric consumption
a. sewing b. spreading c. marker d. fabric inspection
5. Among the quality costs _____ cost is higher
a. appraisal b. prevention c. failure d. management
6. The _____ sample is a rough interpretation of the enquiry / design
a. proto type b. fit c.pre production d. shipment
7. The recent trend states that the customers are asking for _____ parameters
a. durability b. modesty c. ecological d. standard
8. Packaging is very important because it offers _____
a. protection b. attractive presentation c. details d. all the above
9. The concept 5s originated from _____
a. Japan b. India c. Taiwan d. Indonesia
10. In a TQM, the total involvement of _____ is required
a. management b. production staff
c. administrative staff d. all personnel

Part B

5 x 4 = 20

Answer ALL questions

Each answer should not exceed 200 words or one page

- 11.a. Brief on quality from the consumer's perspective
(Or)
- 11.b. Brief on the types of fabric defects
- 12.a. Give a brief account on the significance of types of inspection process for quality control
(Or)
- 12.b. Give a brief account of the sewing defects
- 13.a. List the functions of sampling department
(Or)
- 13.b. Write notes on pre production sample and shipment sample
- 14.a. What is meant by statistical sampling? Briefly explain
(Or)
- 14.b. List the critical measurements of a T-shirt
- 15.a. List the objectives and functions of 5s system
(Or)
- 15.b. Write short notes on the kaizen concept

Part C

5 x 7 = 35

Answer ALL questions

Each answer should not exceed 600 words or three pages

- 16.a. Discuss the concept of quality assurance
(Or)
- 16.b. Explain grading of fabric using 4 point and 10 point system
- 17.a. Describe the functions of Pre production inspection process
(Or)
- 17.b. Describe the functions of In process inspection process
- 18.a. Detail on quality procedures adopted in the sampling
(Or)
- 18.b. Elaborate on 'Export quality control'
- 19.a. Discuss the application of AQL in the garment industry
(Or)
- 19.b. Elaborate on the significance and types of primary packaging
- 20.a. Enumerate the objectives and functions of TQM
(Or)
- 20.b. Elaborate on six sigma and its role in achieving quality
