Dec.-22-0341

TE-705 (Process & Quality Control in Apparel Manufacture)

B.Tech. 7th (CBCS)

Time : 3 Hours   Max. Marks : 60

The candidates shall limit their answers precisely within the answer book (40 pages) issued to them and no supplementary/continuation sheet will be issued.

Note : Candidates are required to attempt five questions in all selecting one question from each of section A, B, C D of the question paper and all the subparts of the question 9 in Section E.

SECTION - A

1. State the importance of performing different tests on sewing thread. Discuss the characteristics for which sewing thread and Zippers are tested.   (3+7=10)

2. Explain the steps involved in cutting of fabric. What defects can arise during marking and cutting of fabric?   (6+4=10)

SECTION - B

3. Explain seam elongation, seam slippage and seam strength. How seam strength is determined?   (3+7=10)

4. Illustrate the factors that affect the selection of seam type. List down five seam defects, sewing defects and assembly defects.
                                                          (5+5=10)

SECTION - C

5. State the objectives of packaging. What are the different types of packaging material that can be used for packaging of apparel? What Quality requirements are expected while packaging?   (3+3+4=10)

6. What is a Care label? List down five care labeling systems. Explain the International Care labeling system with symbols.
                                                          (10)

SECTION - D

7. Discuss the cause of failure of TQM and what remedial measures can be adopted against failure of TQM.   (5+5=10)

8. Explain the control charts fishbone diagram with example. What are the advantages and disadvantages of fishbone diagram?
                                                          (5+5=10)

SECTION - E

9. Attempt all questions.

   (a) Define Bowing

   (b) Define Splicing in context to spreading.

   (c) Explain Quality assurance.

   (d) What is bundling?

   (e) What do you mean by term "second" according to Dallas inspection system?

   (f) Define Marker Planning.

   (g) What is the cause of skip stitch?

   (h) What is the difference between flat spread and stepped spread?

   (i) What do you mean by nap-one-way (N/OW) in context to spreading mode?

   (j) What do you mean by AOQL?   (10×2=20)