THE TEXTILE ASSOCIATION (INDIA)
A.T.A. (REVISED) PART-III EXAMINATION – 2012
PAPER – A 3.OD2
GARMENT TECHNOLOGY
MARKS : 100

Date: 25.12.2012

Time: 10 am to 1 pm

Instructions: 1. Attempt six questions out of which Q.1 is compulsory
2. Answer each next main question on new page
3. Figure to the right indicate full marks
4. Illustrate your answer 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.

Q.1. a. Fill up the blanks:
   1. Woven fabrics are composed of two sets of yarns namely _____ & _____
   2. An original paper or thick sheet or card board or template from which other garments of a similar style are copied is called as _______
   3. In the Garment industries usually _____ system is used for checking the quality of the fabric.
   4. The small parts such as collar, neckband, cuffs etc are cut using ______ machine.
   5. The label indicating the method of washing, ironing and other instructions is called as ___

b. Expand the abbreviations:
   1. GSD stands for _______
   2. SAM stands for _______
   3. GSM stands for _______
   4. AQL stands for _______
   5. CAD stands for _______

c. True or False:
   1. The fabric, trims, accessories and the packing materials are to be checked thoroughly before issuing it for production
   2. Space suit is a casual wear
   3. Grading in patterns refers to change the pattern according to the specification of the garments for different sizes.
   4. Curved rulers and French curves are more extensively used in Sewing Section than in Pattern Section.
   5. A ‘seam’ is a stitch that joins two cut parts.

PTO
d. Match the following:
   1. Zipper a. Design
   2. Tracing wheel b. Embroidery
   3. Motif c. Accessory
   4. Surface ornamentation d. Finishing
   5. Tag Guns e. Pattern section

Q.2. a. Explain fashion cycle with a diagram
     b. Mention the fabric defects in woven & knitted fabrics
     c. Name any three CAD systems available in the market for Garment industry

Q.3. a. Write different types of needle points
     b. Mention different types of washing used in Garment Industry
     c. Define and discuss Critical/Major/Minor defects in garments

Q.4. a. Explain the functions of PPC (Planning & Production Control)
     b. What are the different kinds of threads available for sewing?
     c. Why & where interlinings are used in the Garments?

Q.5. a. List the activities involved in fabric inspection
     b. While woven fabric inspection the inspector obtained 52 points. He has checked 1200 yds of fabric of 60" width. Calculate Total Points per 100 Sq yd.
     c. What are the activities of Finishing Section.

Q.6. a. Describe Fabric inspection conditions.
     b. While doing knitted goods inspection the inspector got 35 points. Total weight of the fabric checked by him was 850 kg and the fabric GSM was 285. Calculate Total Points per 100 Sq yd.
     c. List 4 functions of PPC

Q.7. a. List the different types of machines used in Cutting section
     b. What are the activities involved in batch setting?
     c. Mention different stages of Fashion Cycle

Q.8. a. List out different types of stitches used in stitching section
     b. What are the activities of Industrial Engineering Department in Garment industry?
     c. List 8 accessories used in Garment Industry

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