THE TEXTILE ASSOCIATION (INDIA)
A.T.A PART-III EXAMINATION-2016
PAPER-A 3.OD
GARMENT TECHNOLOGY

Date: 26.12.2016
Marks: 100
Time: 10.00 am to 1.00 pm

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

Q.1a. Fill up the blanks:

    i. Woven fabrics are composed of two sets of yarns namely ------- & -------.
    ii. An original paper or thick sheet or template used in cutting section is -------.
    iii. 4 point system is used to check quality of ------- in Garment Industries.
    iv. The small parts such as collar, neckband, cuffs etc are cut using ------- machine.
    v. The label indicating the method of washing, ironing and other instructions is called ---.

Q.1b. Expand the following abbreviations:

    a) RMG
    b) SAM
    c) AQL
    d) GSM
    e) CAD

Q.1c. State True or False:

    1. The fabric has to be inspected before issuing it for production. (05)
    2. Fire proof jacket is a casual wear.
    3. Grading of garments refers to change in the measurement of the garments for different size.
    4. Iron table is used in cutting section.
    5. A ‘seam’ is a stitch that joins two cut parts.

Q.1d. Match the following:

    1 Label  a) Design
    2 Tracing Wheel  b) Printing
    3 Motif  c) Accessory
    4 Surface ornamentation  d) Finishing
    5 Tag Guns  e) Pattern Section

Q.2. a) Explain fashion cycle with a diagram

        (08)

b) Mention different fabrics used for garmenting to create fashion.  

        (04)

c) Name any four sewing machine brands available in the market for Garment Industry

        (04)
Q.3.a) Name different types of needles (04)
   b) Mention four major defects in Garments. (04)
   c) Discuss different types of washing used in Garment Industry (08)

Q.4. a) Discuss interlinings (08)
   b) What are the different kinds of threads available for sewing? (04)
   c) Mention four activities of PPC (Production, Planning & Control) (04)

Q.5.a) List the activities involved in fabric inspection (08)
   b) Write the formula used for fabric inspection (04)
   c) List four activities of finishing section (04)

Q.6. a) Describe Fabric inspection conditions (04)
   b) List four types of Garments produced by Ready Made Garment Units (08)
   c) List the activities of Industrial Engineering Department (04)

Q.7. a) List the different types of machines used in the cutting section (04)
   b) What are the activities involved in batch setting? (08)
   c) Mention different stages of Fashion Cycle (04)

Q.8. a) List different types of stitches used in the stitching section (04)
   b) Describe the activities of Industrial Engineering Department in Garment Industry (04)
   c) List eight accessories used in the Garment Industry (08)