Q1 Choose the appropriate answer from the multiple choices in the following: (Any Five)

A Kaizen is the Japanese word for:
   i. Process control
   ii. Process planning
   iii. Continuous improvement
   iv. Waste management

B The meaning of Seiketsu in 5S is
   i. Standardize
   ii. Stabilize
   iii. conformity
   iv. all of above

C During Standardize, you and your coworkers focus on what?
   i. initiate work area review for cleanliness issue
   ii. begin organizing workplace with visual communication
   iii. start itemizing unnecessary equipments and tools for removal
   iv. establish uniform schedule for all 5 s

D Just-in-time is an approach to production that ideally reduces
   i. wastage of Time
   ii. Inventory level
   iii. Production
   iv. All of the above

E Standardized color-coding helps visual communication do what?
   i. Help facilities improve cleanliness
   ii. Add efficiency by appropriately directing personnel
   iii. Built team work amongst the personnel
   iv. Helps gives a facility a more professional look

Page 1 of 2
F  The diamond symbol is used to represent what type of process in process flowchart?
   i. Decision node
   ii. Transportation
   iii. Value-added process
   iv. Starting or ending point

G  Say True or False (all sub clauses to solve)
   i. Quality improvement is not the process for Breaking through to unprecedented levels of performance. – True / False
   ii. There are 5 steps in 5S implementation - True / False
   iii. Quality Assurance is one of the principle of Total quality management - True / False
   iv. Customer's perspective is the common thing in Kaizen and Just-in-time
      - True / False

Q2  a. What are the seven steps for problem solving designed by Dr. Juran?
    b. Briefly describe any 3 of the above steps.

Q3  a. Explain about the process control in warping?
    b. Discuss briefly the essential steps of process monitoring.

Q4  a. Discuss the role and scope of process control in Weaving.
    b. What are the non-value added works identified in the Lean concept?

    b. Discuss the requirements and benefits to an organization by implementing IS/ISO 14001:2004.

Q6  a. 5 Golden questions       b. Benchmarking process

Q7  How is PDCA cycle used? Discuss with a case study related to end breaks in weaving.

Q8  Explain about the following:
   a. Juran's quality trilogy and b. Just in time application in textile