Q.1] Attempt all

A. Fill in the blanks

1) During the process of bleaching, which Oxidative Bleaching Agent is used ________?
   a) Sodium Hydroxide   c) Sodium Silicate
   b) Detergent          d) Hydrogen Peroxide

2) In degumming of silk ________ is removed from fibres.
   a) Wax    c) Lubricant
   b) Sericin d) Starch

3) Suitable machine for dyeing knitted goods is __________.
   a) Jigger dyeing  c) Winch dyeing
   b) Beam dyeing   d) Padding Mangle

B. True or False

1) Disperse dye is soluble in water.
2) Singeing process is carried out at a speed of 100 to 250 yards per minute.
3) Direct dyes are also known as Substantive Dyes.
4) Mercerizing process decreases the strength and delusters the fabric.
C. Match the following
1) Disperse dye  a) Low wash Fastness
2) Basic dye  b) Covalent Bond
3) Direct dye  c) Cationic Dyes
4) Reactive dye  d) Mechanical Bond
e) Addition of surface active agents

D. Give answer in two or three sentence
1) Dyeing process depends on?
2) In what all different forms dyeing could be done
3) What all different step are involved in printing process
4) Which dyes are recommended for cotton?
5) Which dyes are recommended for Silk & wool?

Q.2] Attempt ANY 5
A. i) Difference between Fabrics dyeing Vs Garment dyeing
   ii) Explain in detail application method of crease resist finish

B. i) Write short notes on post printing operations
   ii) What are the advantages of water proofing?

C. i) Difference between Fabric Printing & garment Printing
   ii) What are the benefits on fabric after application of anti-static finish?

D. i) Write short note on Optical Brightening agent
   ii) What are the benefits on fabric after going throw mercerization?

E. i) Explain any two washes in detail which you would recommend for Denim fabric
   ii) What are the principle and working of Garment Printing Machine?

F. i) What are the different types of yarn dyeing?
   ii) Explain the mechanism and working of top dyeing machine

G. i) What are the different types of Fabric dyeing?
   ii) Explain the procedure of preparing a screen