

PART B — (5 × 16 = 80 marks)

11. (a) (i) Explain the properties of hydrogen peroxide. (6)
(ii) Explain the process involved in continuous peroxide bleaching of cotton fabrics. (10)

Or

- (b) Explain with a neat sketch the working principle of jigger dyeing machine. (16)
12. (a) Explain the process and precautions of dyeing of polyester/cotton blends. (16)

Or

- (b) Discuss the various features of Garment dyeing machines. (16)
13. (a) Briefly, explain the advantage and disadvantage of Discharge and Resist style of printing. (16)

Or

- (b) Explain the various processes involved in developing screen for screen printing machines. (16)
14. (a) What is salt and pepper finish? Explain in detail. (16)

Or

- (b) (i) How is the quality of washed Garment assessed? (4)
(ii) Name and explain the process parameters which is influencing the fabric quality in sand blasting process. (12)
15. (a) Explain the role of textile industries in water pollutions. (16)

Or

- (b) Explain the various factors to be considered in sludge disposal. (16)