



PART B — (5 × 16 = 80 marks)

11. (a) (i) Discuss the yarn quality requirements for knitting. (8)  
(ii) Compare the mechanical properties of woven and weft knitted fabric. (8)

Or

- (b) Explain with neat sketch the working mechanism of compound needle.

12. (a) Explain the cam arrangements for tuck and float stitches.

Or

- (b) Explain the various factors affecting the formation of loop.

13. (a) Explain the passage of yarn in flat knitting machine.

Or

- (b) Explain the following :

(i) Swiss Pique structure. (8)

(ii) French Pique structure. (8)

14. (a) Explain the needle cycle in Tricot warp knitting machine.

Or

- (b) Compare the knitting cycles of Tricot and Raschel knitting machine.

15. (a) Compare the yarn quality requirement for warp and weft knitting.

Or

- (b) Explain the causes of fabric defects in warp knitting.