



11. (a) Give an account on the designs of twill weave and their derivatives. (8 + 8)

Or

- (b) Draw the design, draft and peg plan for the following :

- (i) Ordinary honey comb weave. (4)  
(ii) Brighton honey comb weave. (4)  
(iii) Huck-a-back weave and (4)  
(iv) Crepe weave. (4)

12. (a) Give the design, draft and cross – section of a pique fabric having five face picks, two wadding picks and one cutting pick.

Or

- (b) Give a detailed account on the structure and application of bed ford cords. (8 + 8)

13. (a) Explain in detail the light and pigment theories of colour and compare them. (8 + 8)

Or

- (b) Give an account of the different types of backed fabrics and their application. (8 + 8)

14. (a) Give the design, draft, peg plan and cut cross-section for a twill backed velveteen fabric.

Ground weave : 2/2 twill

Pile weave : 4 × 4 sateen. (4 × 4)

Or

- (b) Give an account of the various types of double cloth and their application. (8 + 8)

15. (a) Give the design, draft and peg plan of any one cellular gauze structure and explain how it is made. (8 + 8)

Or

- (b) Explain with neat sketch the principle and working of a self twilling jacquard and its application. (8 + 8)
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