

DESIGNS

FAQ

- 1) A 60 Stockport reed (number of dents/ 2 inch) of 1.5 m width is being used on a loom. The reed plan is one end per dent. If the weft crimp is 8% then calculate the warp sett in the fabric on cloth roller.
- 2) Show the design, drafting and lifting plan of plain weave using **three** heald shafts.
- 3) Name the factors which influence the angle of twill line. For twill weave (5 up 3 down), the move number in vertical direction is 2. If ends per cm and picks per cm is 30 and 20 respectively, then calculate the twill angle.
- 4) What is skip drafting. Explain its advantage with an example of design and lifting plan.
- 5) Show the skip draft with six healds for plain weave so that the operation could be controlled by only two shedding cams. Draw the corresponding lifting plan also.
- 6) Show the lifting plan for plain weave and 2/2 warp rib with skip draft.
- 7) What is the distinguishing characteristic of interlacement pattern in satin weave? Why a six end regular satin cannot be woven? Why the 'satin' does not become 'sateen' just by reversing the fabric?
- 8) Arrange the following fabrics in the order of descending tearing strength and justify your answer.
Plain, 3/3 basket, 2 up 1 down twill, 7 end satin
- 9) Draw pointed twill based on 3 up and 3 down twill weave. Show the drafting and lifting plan.
- 10) Show the drafting and lifting plan for the following Honeycomb and Mock Leno designs with repeat size of 12×12 and 10 ×10 respectively.