

Q:1 Define & construct following weaves with denting plan.

- (a) 4-4 warp Rib
- (b) Dosuti
- (c) 3-3 weft rib
- (d) 3-1-1-5 fancy hopsack

ANSWER → (a) Warp Rib → the weave effect which is produced by extending the plain weave vertically.

4-4 warp rib

	X			X
		X	X	
8		X		X
7		X		X
6		X		X
5		X		X
4	X			X
3	X			X
2	X			X
P <sub>1</sub>	X			X

(b) Dosuti → It is a 2-2 hopsack design which can be produced by extending vertically & horizontally.

	X			X
		X	X	
4			X	X
3			X	X
2	X	X		
P <sub>1</sub>	X	X		

(c) Weft rib → the weave effect which is produced by extending the plain weave horizontally.

3-3 weft rib

	X	X		X	X		X	X	
			X	X		X	X		X
2			X	X	X		X	X	X