

Structural Fabric Design - I (TD-104)
Textile Design (II Test)

M.M. 15

Time - 1 hour

Q I Construct the following weaves with their draft and Peg-plan.

- | | | |
|------|---------------------------------------|---|
| (1) | 10 Thread plain weave | 1 |
| (2) | Warp Rib - Regular and Irregular | 2 |
| (3) | Weft Rib - Regular and Irregular | 2 |
| (4) | Hopsack - Regular and Irregular | 2 |
| (5) | Fancy Hopsack Weave | 1 |
| (6) | Warp and Weft faced Twill | 1 |
| (7) | Pointed Twill - Regular and Irregular | 2 |
| (8) | Waved Twill | 1 |
| (9) | Herring Bone Twill | 1 |
| (10) | Broken Twill | 1 |
| (11) | Transposed or Rearranged Twill | 1 |

Jyoti Kulkarni
1100 Tex. Design
Women's Poly Institute

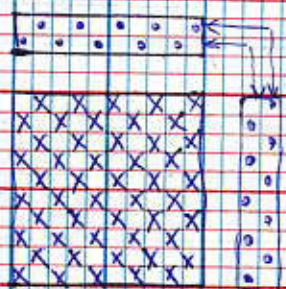
II Test

Structural Fabric Design-I (TD-104)

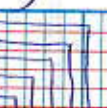
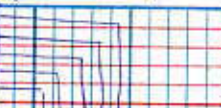
Textile Design

Ans 1

10 Thread plain weave



Ans 7

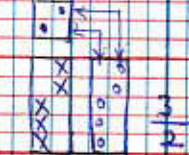
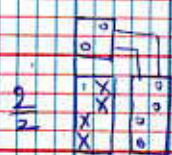


$\frac{3}{2}$

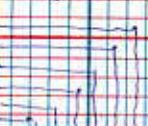
Pointed Twill Regular

$\frac{2}{3}$ Pointed Twill Irregular

Ans 2



Ans 8



$\frac{2}{2}$

$\frac{3}{2}$

Warp Rib Reg

weft Rib Irregular



Ans 3



$\frac{3}{2}$

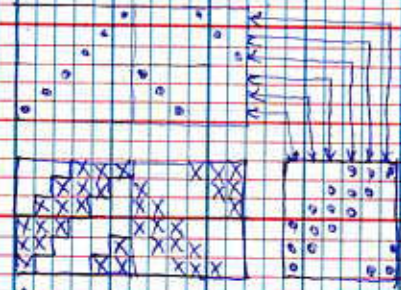
Waved Twill Regular $\frac{3}{3}$

Ans 4

weft Rib Reg Irregular

weft Rib Irregular

Ans 9

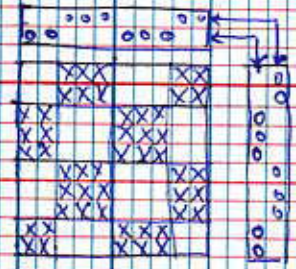


Hopack Regular

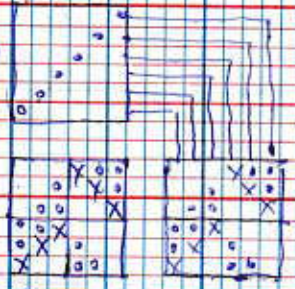
Hopack Irregular $\frac{3}{2}$

Herring Bone Twill $\frac{3}{3}$

Ans 5



Ans 10

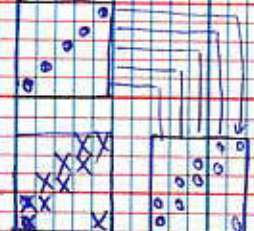
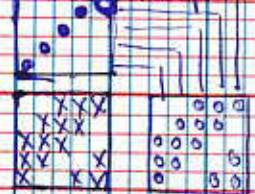


$\frac{2}{3} \frac{3}{2} = 10$

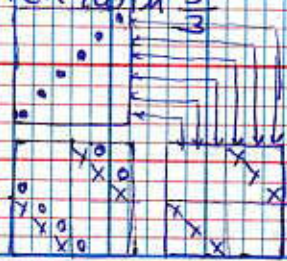
Fancy Hopack

Broken Twill $\frac{3}{3}$

Ans 6



Ans 11



Warp faced Twill

weft faced Twill

$\frac{2}{3}$

Rearranged Twill $\frac{2}{4}$

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