Department of Textile Technology

TTL362 Minor II

Weightage: 25%

4.10.2013 . مرع

1. A plain woven 67:33 Polyester: Viscose fabric of same linear density in both warp an weft has the following particulars:

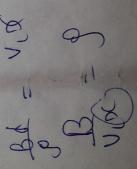
Weft	0.20
Warp	0.16
	Srimp Amplitude (mm) Weave Angle (degrees)

Using the basic equations of Peirce's Geometry, calculate the cloth sett.

2. A plain woven cotton fabric has the following particulars:

Determine the cloth thickness after the fabric is pulled in warp direction until there 3% contraction in the weft direction.

3. Using rigid thread model, show that maximum curvature in the yarn depends on weave angle and thread spacing only.



> Kead