

[illegible]

- What is the significance of fabric structure analysis?
- What is fabric cover factor?
- What is the weave used in denim fabric?
- Prepare a sponge weave.
- Mention the end uses of double fabric.
- Give the characteristic features of satin/ sateen weaves.
- Prepare diamond on minimum repeat size.
- Differentiate between welt and pique weaves.
- What is the function at fringing mechanism in terry weaving?
- Prepare a vertical hairline pattern.

SECTION-B

2. Prepare a zig zag twill weave using 2/1, 1/1 twill with its weaving plans.
3. Prepare brighton honeycomb structure with the cross-sectional view.
4. What are the various methods used to prepare stripe and check patterns?
5. Compare huck a back and mockleno weaves.
6. Design a distorted thread pattern.

SECTION-C

7. What are terry fabrics? Give their classification. Prepare the 'graphical representation and cross- sectional view of a three pick terry fabric.
8. What are characteristic features of backed fabrics? Prepare a weft backed warp wadded fabric.
9. A stripe fabric is woven 42.5 inches wide on a 60s American reed with 50 ppi. The selvages are 1/4 inch wide on each side woven with 2/30s bleached yarn with 4 ends/dent. The length of the piece is 60 yards and the crimp of warp is 8%. The count of the weft 20s and the warp pattern is as follows

30s brown.....2 ends

26s white.....2 ends

30s brown.....3 ends

26s white.....3 ends

Calculate :

- a) Total number of ends in the warp
- b) Total length of each colored yarn
- c) Total weight of each colored yarn
- d) Total weight of yarn in the piece

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.