

36

Subject Name: Fabric Structure

Subject Code : TT6402

Duration : 180minutes

Date: 09/03/2015

Branch: Textiles

Max.Marks:100

Part A (10X2=20) Answer all the Questions:

1. What are the applications of backed fabric?
2. What is reversible and non-reversible fabric?
3. Differentiate between extra warp and extra weft figure?
4. What are the loom requirements for Bedford cords?
5. Differentiate welts and piques?
6. State the properties of pile fabric?
7. What are velvet and velveteen fabric?
8. Terry pile fabrics are used for toweling applications. Justify?
9. What is corduroy fabric?
10. State the loom requirements for warp pile fabric?

Part A (5X16=80) Answer as per the choice:

11. A) with neat sketch explain the design for twill faced Bedford cord (16m)
Or
B) With neat sketch explain the design of alternate 10-end plain faced bed ford cord. (16m)
12. A) i) Design and explain the formation of welt fabrics. (8m)
ii) State and explain the properties and applications of welt and piques fabric. (8m)
Or
B) i) Design and explain the formation of extra warp figuring using single color. (8m)
ii) State the loom requirements, properties and applications of extra weft figuring fabrics. (8m)
13. A) i) with neat sketch explain the design for warp backed fabric. (12m)
ii) Explain the importance of wadding threads in a structure. (4m)
Or
B) With neat sketch explain the mechanism of formation of terry pile fabric. (16m)
14. A) with neat sketch explain the design for plain back velveteen. (16m)
Or
B) With neat sketch explain the design for twill back velveteen. (16m)
15. A) with neat sketch explain the design of corduroy velveteen. (16m)
Or
B) With neat sketch explain the mechanism of formation of wire pile fabric. (16m)