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**BDFDC 282**

**Choice Based Credit System IV Semester B.Sc. (FD)  
Examination, September 2022  
(2020-21 Batch Onwards)  
FABRIC TESTING AND INSPECTION**

Time : 3 Hours

Max. Marks : 120

**PART – A**

- I. Answer **any three** of the following : **(3×15=45)**
- 1) a) Define sampling. **3**  
b) Discuss any two methods of determining the length and width of the fabric. **12**
  - 2) a) Explain fabric thickness tester with the help of a neat sketch. **8**  
b) Explain crease recovery and its importance for a garment. **7**
  - 3) a) Define Air Permeability. **3**  
b) Explain the working of Shirley's Air Permeability Test with a neat sketch. **12**
  - 4) a) Define inspection. **3**  
b) Explain the importances of ISO. **12**

**PART – B**

- II. Answer **any five** of the following : **(5×9=45)**
- 5) Explain CRL and CRE principles.
  - 6) Define Drape. Explain the method of determination of Fabric Drape.
  - 7) Discuss the method of determination of colour fastness to Rubbing.
  - 8) Define Pill. List out the reason for fabric pilling.

**P.T.O.**



- 9) Explain the working of tensile strength tester with the help of neat sketch.
- 10) Discuss in detail the raw material inspection.
- 11) Explain the method of determination of water permeability by spray test.

**PART – C**

III. Write short notes on **any five** of the following :

**(5×6=30)**

- a) Final Inspection.
  - b) Fabric defect.
  - c) Biased sampling.
  - d) AQL.
  - e) Fabric crimp.
  - f) Threads per inch.
  - g) Cover factor.
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