

IT-3: Textile Studies 1 MFDT-3

P. Pages : 1

Time : Three Hours



GUG/S/18/10306

Max. Marks : 80

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- Notes : 1. Solve all questions.
2. All questions carry equal marks.

1. Explain the physical and chemical properties and uses for the following fibers. **16**
a) Cotton b) Polyester

OR

- c) Silk d) Nylon **16**

2. a) Draw flow chart of conversion of Fiber to Yarn and write input, output and objective of each step. **16**

OR

- b) Explain the process of Pre-preparatory before dyeing and printing of Fabric in detail.. **16**

3. a) Explain the process of following dyeing **8x2**
1) Ikal-Dyeing 2) Tie-r dye Dyeing **=16**

OR

- b) Explain the process of Dyeing of Fabric with Reactive dyes. **16**

4. Write in detail the following process. **8x2**
a) Roller Printing b) Batik Printing **=16**

OR

- c) Screen printing d) Garment printing **8x2**

5. Write short notes **any four**. **4x4**
=16

- a) Viscose production process.
b) Classification of Fibers
c) Fiber quality for fabric manufacturing.
d) Dyeing defects & remedies
e) Theory of Dyeing
f) Transfer printing
