

M.F.D. First Year CBCS Pattern Semester-I
IT-3 - Textile Studies

P. Pages : 1

Time : Three Hours



GUG/W/23/11127

Max. Marks : 80

Notes : 1. All questions are compulsory and carry equal marks.

1. a) Write down the physical and chemical properties of the following fiber? **16**
a) Linen
b) Silk

OR

- b) Write down the production process of natural and man made fibers. **16**
2. a) Write in detail the identification process for the following fibres **4x4**
(microscopic structure, burning test and chemical test).
i) Wool ii) Cotton
iii) Polyester iv) Rayon

OR

- b) Explain the process of Pre-preparatory before dyeing and printing of fabric in detail. **16**
3. a) Give the classification of colourants in detail. **16**

OR

- b) Explain following. **4x4**
i) Yarn dyeing ii) Fastness properties of dyes **=16**
iii) Garment dyeing iv) Ikat
4. a) Explain the following process: **8x2**
a) Screen printing. **=16**
b) Roller printing.

OR

- b) a) Kalamkari. **8x2**
b) Sanganeri. **=16**
5. Write short notes **any four**. **4x4**
a) Nylon. **=16**
b) Spinning.
c) Fabric dyeing.
d) Dyeing defects, causes and remedies.
e) Patola.
