

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

P. Pages : 1

Time : Three Hours



**GUG/S/25/11127**

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. **8x2**  
i) Silk ii) Cotton **=16**

**OR**

- b) Write the production process of natural and man-made fibers. **16**
2. a) Draw flow chart of conversion of fiber to yarn and write input, output and objective of each step. **16**

**OR**

- b) Write brief pre-preparatory process of fabric before dyeing & printing. **16**
3. a) Write in detail about different theories of dyeing and also write different properties of dyes. **16**

**OR**

- b) Explain:- **4x4**  
i) Ikat ii) Patola **=16**  
iii) Package dyeing iv) Garment dyeing

4. a) Write about printing machines. **8**  
b) Write about printing defects. **8**

**OR**

- c) Explain:- **4x4**  
i) Batik ii) Kalamkari **=16**  
iii) Sangneri iv) Screen printing

5. Write in short notes **any four**. **4x4**  
**=16**  
a) Origin of man-made fiber.  
b) Roving  
c) Madhubani  
d) Brief history of textiles in India.  
e) Discharge Printing.

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