



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

1. a) Give the properties of any four natural fibres. **16**

OR

b) Explain the physical and chemical properties and uses for the following fibres. **16**
i) Polyester **(8x8)** ii) Nylon

2. a) Write in detail the identification process for the following fibres (microscopic structure, Burning test and chemical test) **16**
(4x4)

i) Cotton ii) Wool
iii) Rayon iv) Nylon

OR

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

3. a) Explain the process of dyeing of fabric with reactive dyes. **16**

OR

b) Explain:- **16**
i) Package dyeing **(4x4)** ii) Yarn dyeing
iii) Ikkat iv) Patola

4. a) Write in detail different styles of printing. **16**

OR

b) Write down the brief history of printed dyed and painted textiles of India. **16**

5. Write short notes **any four**. **16**
(4x4)

- a) Properties and uses of Rayon.
- b) Fiber quality requirement for suitability of fabrics.
- c) Garment dyeing
- d) Hand block printing – Sanganeri.
- e) Kalamkari
- f) Dyeing defects & remedies.
