



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 ii) Nylon **(8x8)**

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 ii) Yarn dyeing **(4x4)**
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.
