

Exam. Code : 106004

Subject Code : 1631

BOD Semester—IV (Fashion Design)

TECHNICAL THEORY

Paper—V

Time Allowed—3 Hours] [Maximum Marks—100

Note :— Attempt any FIVE questions. All the questions carry equal marks.

1. (a) Explain blends, mixtures and combinations.
(b) Explain the properties of yarns. $2 \times 10 = 20$
2. Explain the following Weaves :
(i) Jacquard.
(ii) Dobby. $2 \times 10 = 20$
3. (a) Define the following :
(i) Fly shuttle loom
(ii) Water jet loom
(iii) Spit loom
(iv) Rapier loom. $2\frac{1}{2} \times 4 = 10$
(b) Explain the chemical finishes applied on fabrics. 10

4. (a) Define the following :

(i) Acid dyes

(ii) Basic dyes

(iii) Vat dyes

(iv) Disperse dyes. $2\frac{1}{2} \times 4 = 10$

(b) Explain twill weave with illustrations. 10

5. Explain the special purpose finishers in detail. 20

6. (a) Define the following prints :

(i) Blotch

(ii) Burnt out

(iii) Flock

(iv) Duplex. $2\frac{1}{2} \times 4 = 10$

(b) Explain the pile weave in detail. 10

7. (a) Define the following printings :

(i) Block

(ii) Screen

(iii) Roller

(iv) Transfer. $2\frac{1}{2} \times 4 = 10$

(b) Classify the yarns with a flow chart. 10

8. Write short notes on the following :

(i) Basket weave

(ii) Sulzer loom

(iii) Reactive dyes

(iv) Discharge prints

(v) Draw loom.

5×4=20