

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

BSc DEGREE EXAMINATION DECEMBER 2023
(Third Semester)

Branch - COSTUME DESIGN AND FASHION

TEXTILE WET PROCESSING

Time: Three Hours

Maximum: 50 Marks

SECTION-A (5 Marks)

Answer ALL questions

ALL questions carry EQUAL marks

(5 x 1 = 5)

- 1 Kier boiling is carried out for
(i) desizing (ii) scouring
(iii) souring (iv) bleaching
- 2 The term used for amount of attraction of dye to the textile material
(i) affinity (ii) Substantively
(iii) resist (iv) ignore
- 3 In three bowl padding manglecan be carried out
(i) one dip one nip (ii) one dip – three nip
(iii) one dip- two nip (iv) two dip – two nip
- 4 is a kind of resist work.
(i) batik (ii) screen
(iii) discharge (iv) direct
- 5 Water repellent is afinish
(i) Mechanical (ii) chemical
(iii) Additive (iv) permanent

SECTION - B (15 Marks)

Answer ALL Questions

ALL Questions Carry EQUAL Marks

(5 x 3 = 15)

- 6 a Bring out the working of Hot plate singeing machine.

OR
b Explain the effects and method of scouring.
- 7 a List out the properties of direct dyes.

OR
b Give a note on Eco friendly dyes.
- 8 a Sketch jigger machine and write its operating procedure.

OR
b Describe the method of fiber dyeing.

Cont...

- 9 a Explain about digital printing.
OR
b Compare discharge and resist printing.
- 10 a Analyze stain resistant finish.
OR
b Write a note on bio polishing.

SECTION -C (30 Marks)

Answer ALL questions
ALL questions carry EQUAL Marks (5 x 6 = 30)

- 11 a Enumerate on any one mercerization machine.
OR
b Explain the working principle of J-box.
- 12 a Classify dyes.
OR
b Discuss the about tie and dye techniques in detail.
- 13 a Explain the working principle of Padding mangle.
OR
b Summarize colour matching cabinet.
- 14 a Infer on Batik printing.
OR
b Highlight on stencil printing.
- 15 a Classify textile finishes.
OR
b Explain the various finishing defects and remedies.

Z-Z-Z

END