

**PSG COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)**

**MSc DEGREE EXAMINATION MAY 2018  
(First Semester)**

**Branch - COSTUME DESIGN & FASHION**

**FABRIC MANUFACTURING TECHNOLOGY**

Time : Three Hours

Maximum : 75 Marks

Answer ALL questions  
ALL questions carry EQUAL marks (5 x 15 = 75)

- 1 a Explain modern working machines in detail,  
OR  
b Describe in detail e-dobby and e-jacquard mechanism.
- 2 a Describe the mechanism involved in shuttleless weaving.  
OR  
b Explain in detail multiphase weaving and its mechanism.
- 3 a Explain in detail design, draft and peg plan of bed ford cordo and pile fabrics.  
OR  
b Explain in detail design, draft and peg plan representation of double cloth and triple cloth fabrics.
- 4 a Explain in detail flat knitting machine and its calculations.  
OR  
b Explain knitting and its classification in detail.
- 5 a Differentiate warp knitting and weft knitting in detail.  
OR  
b Explain seamless knitting and the principle followed in it.

**Z-Z-Z**

**END**