

**PARUL UNIVERSITY**  
**FACULTY OF DESIGN**  
**M.Design, Winter 2019 - 20 Examination**

**Semester: 1****Subject Code: 18200105****Subject Name: Introduction to Textiles & Raw Materials for Fashion****Date: 26/11/2019****Time: 10.30 am To 12.30 pm****Total Marks: 40****Instructions**

1. All questions are compulsory.
2. Figures to the right indicate full marks.
3. Make suitable assumptions wherever necessary.
4. Start new question on new page.

**Q.1 Fill in the blanks. (1 mark each)****(10)**

1. \_\_\_\_\_ is a process of manufacturing a fabric by inters looping of yarns.
2. \_\_\_\_\_ is a natural filament.
3. A roller or \_\_\_\_\_ is moved across the screen stencil, forcing or pumping ink past the threads of the woven mesh in the open areas.
4. A \_\_\_\_\_ is a vertical column of loops produced by the same needle knitting at successive knitting cycles.
5. \_\_\_\_\_ is a term frequently used in knitting and represents the total number of needles loop in a given area.
  
6. The yarn count is defined as the number of hanks of \_\_\_\_\_ yards per pound.
7. The direction of twist is indicated the use of the letters \_\_\_\_\_ and \_\_\_\_\_
  
8. \_\_\_\_\_ textiles is a technique used to develop raised designs on fabric surface.
9. \_\_\_\_\_ and \_\_\_\_\_ fibers are typically used for flocking.
  
10. Knitting is primarily classified as \_\_\_\_\_ and \_\_\_\_\_.

**Q.2 Answer the following questions in brief. (Any Five)****(20)**

1. Classification of Knitting.
2. Compare Woven vs. knitted fabric
3. What is Yarn Twist and what is its importance?
4. Mention the difficulties in Printing.
5. How are dyes classified? Mention different types of dyes.
6. Explain YARN COUNT in brief

**Q.3 Answer in Detail. (Any One)****(10)**

1. Mention Classification of Yarns and explain types of Novelty Yarns.
2. Explain Printing- steps and methods. Also mention types of prints.