

Register Number :

Name of the Candidate :

**9 1 0 6**

**B.Sc. DEGREE EXAMINATION, 2007**

**( FASHION DESIGN )**

**( FIRST YEAR )**

**( PAPER - IX )**

**109. TEXTILE STUDY**

June ]

[ Time : 3 Hours

Maximum : 60 Marks

**SECTION - A** (15)

1. *Fill in the blanks :*

- (i) ..... and ..... are two major yarn classification.
- (ii) Twist is inserted into the yarn in ..... process.
- (iii) In rotor spinning ..... is directly converted to yarn.
- (iv) ..... , ..... , ..... and ..... are methods used to produce textured yarns.

**Turn over**

- (v) Doubled yarn is also called as ..... yarn.
- (vi) ..... and ..... are variations of plain weave.
- (vii) The basic unit by which a knitted fabric is made of is a ..... .
- (viii) Fibre webs for non - woven fabrics are mostly produced for ..... machine.
- (ix) Diagonal lines are formed in ..... weave.
- (x) Cross grain is parallel to the direction of ..... .

### SECTION - B

2. Write short notes on any FIVE of the following questions : (5 × 3 = 15)
- (i) Open and spinning.
  - (ii) Wool system.
  - (iii) Fibre blending.
  - (iv) Dobby loom.
  - (v) Felt fabrics.
  - (vi) Fancy yarns.
  - (vii) Grain line.

### SECTION - C

3. Answer any THREE questions : (3 × 10 = 30)
- (i) Explain the basic principles used in the alternate spinning process.
  - (ii) Explain in detail about the methods of producing texturised yarns.
  - (iii) With a neat sketch, explain passage of material through a loom and also explain its parts and functions.
  - (iv) Explain in detail about the types of knitting process and types of needles used in knitting process.
  - (v) Differentiate between staple yarn and filament yarn by the method of production and also their properties.
  - (vi) Explain about :
    - (a) Fabric weight.
    - (b) Fabric count.
    - (c) Warp and weft.
    - (d) Selvedge.