

**SECTION – C** (3 × 10 = 30)

*Answer any THREE questions.*

*All questions carry equal marks.*

4. (i) Give the classification of textile fibres. Explain the essential properties of textile fibres.
- (ii) Discuss in detail about the manufacturing of polyester.
- (iii) Explain the life cycle of silk with neat sketches.
- (iv) Draw the passage of material through weaving. Explain the parts and functions of a loom.
- (v) Describe the different methods of yarn manufacturing systems.
- (vi) Write short notes on :
- (a) Leno fabric.
- (b) Double cloth.

Register Number :

Name of the Candidate :

**6 9 6 2**

**ADVANCE DIPLOMA  
EXAMINATION, 2010**

( FASHION DESIGN )

( FIRST YEAR )

( PAPER - V )

**105. FABRIC STUDY**

( Common to Diploma in Fashion Design )

December ]

[ Time : 3 Hours

Maximum : 60 Marks

**SECTION – A** (10 × 1 = 10)

*Answer ALL questions.*

*All questions carry equal marks.*

1. *Fill in the blanks :*

- (i) \_\_\_\_\_ fibre is called king of fibres.
- (ii) The cross section view of silk is \_\_\_\_\_.

**Turn Over**

- (iii) Viscoze fibre is a \_\_\_\_\_ fibre.
- (iv) The raw material for the manufacturing of polyester is \_\_\_\_\_.
- (v) The percentage of cellulose in wood pulp is \_\_\_\_\_.
- (vi) Burning characteristics of wool, the smell will be \_\_\_\_\_.
- (vii) TPI means \_\_\_\_\_.
- (viii) Interlacing of wap and weft is called \_\_\_\_\_.
- (ix) Short fibres are removed in the \_\_\_\_\_ process.
- (x) Terry fabrics are also called as \_\_\_\_\_ pile structure.

2. *State whether True or False* (5 × 1 = 5 )

- (i) Acetate rayon is a mineral fibre.
- (ii) Hemp is a plant fibre.
- (iii) Twist is applied to increase the strength of the year.

- (iv) Non woven fabrics are produced in Interloping principle.
- (v) Shuttles are used in shuttleless looms.

**SECTION – B** (5 × 3 = 15)

3. *Write short notes on any FIVE of the following :*

- (i) Animal fibre.
- (ii) Application of synthetic fabrics.
- (iii) Yarn twist and twist direction.
- (iv) Characteristics of viscose.
- (v) Primary mechanism of loom.
- (vi) Relationship between doobby and jacquard.
- (vii) Yarn properties.
- (viii) Basic principles of knitting.

**Turn Over**