

Roll No. ....

Total Pages : 05

BT-3/D-14

8354

INTRODUCTION TO TEXTILES

TT-201-A

Time : Three Hours]

[Maximum Marks : 50

Note : Attempt *Five* questions in all, selecting at least *one* question from each Section. Section A contains only one compulsory question.

Section A

1. Choose the most appropriate answer from the given option : 10×1

(a) Indian Textile Industry provides employment to about :

- (i) 5 million people
- (ii) 35 million people
- (iii) 60 million people
- (iv) 100 million people

(b) Textile industry accounts for :

- (i) more than 40% of the total exports in India

(2-07) L-8354

P.T.O.

(ii) more than 30% of the total exports in India

(iii) more than 20% of the total exports in India

(iv) more than 10% of the total exports in India

(c) The position of India on textile exports is :

(i) 1st

(ii) 2nd

(iii) 3rd

(iv) 4th

(d) India is one of the leading producers of goatskin and cashmere wool. Ranks of India for producing goatskin and cashmere wool is :

(i) 1st

(ii) 2nd

(iii) 3rd

(iv) 4th

- (e) The country's current share in the world textile trade is :
- (i) ~1%
  - (ii) ~3%
  - (iii) ~8%
  - (iv) ~20%
- (f) The woven fabric is made from :
- (i) Two types fibers
  - (ii) Two set of cords
  - (iii) Warp and Weft
  - (iv) Two yarns
- (g) Singeing is done to improve fabric :
- (i) Smoothness
  - (ii) Evenness
  - (iii) Hairiness
  - (iv) Softness
- (h) Sizing is done on textile in the form of :
- (i) Yarn
  - (ii) Fabric
  - (iii) Fiber
  - (iv) Garment

- (i) Yarn Count is a measure of :
- (i) Diameter of yarn
  - (ii) Fineness of yarn
  - (iii) Cross section of yarn
  - (iv) Number of fiber in yarn
- (j) Bleaching is done in garment to :
- (i) Increase whiteness
  - (ii) Remove dust particles
  - (iii) Increase optical whiteness
  - (iv) Remove oily strain

### Section B

2. Give an overview on decentralized small scales sector of textile industry in Panipat. 10
3. Discuss on growth and prospects of Handloom Sector in India. 10

### Section C

4. Discuss the changing scenario of Indian Textile Industry in the wake of WTO agreement. 10

5. Give an overview on different research and technological supports available to the Indian textile industry. **10**

#### **Section D**

6. Draw a flow diagram for sequence of operations for conversion of wool fiber to a finish fabric and mention in brief functions of each stage. **10**
7. What are the different types of knitting ? What are the basic weft structures ? Differentiate between warp and weft knitted fabric. **10**

#### **Section E**

8. Discuss the different stage of converting a fabric in to a garment and mention the function of each stage. **10**
9. What is the various quality aspects need to be consider for woven and knitted garment ? Discuss in detail. **10**