

**B.TECH.DEGREE EXAMINATIONS: APRIL / MAY 2009**

Fourth Semester

**TEXTILE TECHNOLOGY (FASHION TECHNOLOGY)****U07FT403 Apparel Machinery and Equipment****Time: Three Hours****Maximum Marks: 100****Answer ALL the Questions:-****PART A (20 x 1 = 20 Marks)**

1. The package most suitable for spreading by machine is :  
a. Folded form      b. Cuttled form      c. Rolled form      d. hanging form
2. Spreading machine with turntable, enables the below mentioned type of spreading :  
a. One way      b. Two way      c. Face to Face      d. All types
3. 'Splicing' is done at:  
a. Marker planning      b. Marker making      c. Spreading      d. Cutting.
4. The problem of 'Static Electricity' during Spreading, can be reduced by:  
a. Proper alignment of fabric      b. Proper Spreading  
c. Increasing Humidity      d. Decreasing temp
5. Intricate patterns can be cut using :  
a. Straight knife cutting m/c      b. Band-knife cutting m/c  
c. Round knife cutting m/c      d. Hand Shears
6. 'Fused edge' problem is predominant in cutting fabrics made of :  
a. Semi-synthetic fibres      b. Synthetic fibres  
c. Natural fibres      d. Animal fibres
7. 'Hot Notchers' help in :  
a. Scorching fibres      b. Easy notching      c. Neat notching      d. Cutting fibres
8. 'Die cutters' are very suitable for cutting :  
a. Large component parts      b. Many plies  
c. Medium GSM fabrics      d. Small component parts
9. Narrow wedge point needle, makes a cut :  
a. Parralel to the seam      b. At an angle of 45 deg to seam  
c. At an angle of 60 deg to seam      d. Right angle to the seam
10. To release the loops formed, Chaining plates have :  
a. Straight structure      b. closed structure  
c. Open ended structure      d. Smooth structure



22 (a) Explain the functioning of Computerised cutting machine with its advantages and Disadvantages.

(OR)

22 (b) (i) Explain the functioning of Band knife cutting machine. (12)

(ii) Write about the common defects in Cutting, and their remedies (4)

23 (a) Write about the functioning of 'Feed dog' and 'Pressure foot', with the significance of various adjustments.

(OR)

23 (b) (i) Write about the types of needles, needle points and their applications (10)

(ii) Draw and explain the parts of needles and their functions (6)

24 (a) Write about the common defects and remedies of a SNLS machine

(OR)

24 (b) Write about the parts and functioning of a SNLS machine

25 (a) (i) Write about the functioning of 'Over lock machines' (12)

(ii) Write short notes on Bar tacking machines (4)

(OR)

25 (b) (i) Write about the functioning of 'Flat lock machines' (12)

ii) Write short notes on Feed-off machine (4)

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(6)

(10)

(12)

(4)