

B.TECH. DEGREE EXAMINATIONS: NOV/DEC 2010

Second Semester

TEXTILE TECHNOLOGY

U07TT201: Fundamentals of Textiles and Apparels

Time: Three Hours

Maximum Marks: 100

Answer ALL Questions:-

PART A (10 x 1 = 10 Marks)

1. The fibre when removed from the flame burns readily is
a) Cotton b) Viscose c) Wool d) Polyester
2. 35 – 30% of Amorphous content available in
a) Wool b) Acetate c) Viscose d) Cotton
3. The object of mixing is
a) To reduce the raw material cost b) To achieve uniformity in the yarn
c) To improve the processing performance d) All the above
4. Conversion factor for converting TEX to ENGLISH count
a) 5315 b) 590.5 c) -590.5 d) 453.6
5. Wales in knitted fabric refers
a) Row b) Column c) Diagonal d) all of the these
6. Purpose of sizing process is to
a) Increase yarn strength b) increase elongation
c) more abrasion resistant d) all the above
7. The process of removing oil, fats, waxes from the fabric
a) Desizing b) Bleaching c) scouring d) Singeing
8. ____ Machine is used for edge finishing
a) Flat Lock b) Over Lock c) SNLS d)all the above
9. SIPCOT Means
a) State Institute Promotion Corporation Of Tamil Nadu
b) State Interview Promotion Corporation Of Tamil Nadu
c) State Industries Promotion Corporation of Tamil Nadu
d) d) All the above

10. AEPC Means

- a) Apparel Export Production Council b) Apparel Export Promotion Council
c) Apparel Exchange promotion Council d) Accessories Export Procedure council

PART B (10 x 2 = 20 Marks)

11. Classify Animal fibres
12. List any two high performace fibre
13. List the objectives of ring spinning
14. Write the formula to find Twist Per Inch
15. List the difference between woven and knitted fabric
16. List the application of nonwoven fabric
17. List the sequence of process involved in wet processing
18. Mention any four trims used in garments
19. What is cottage industry?
20. What is the role of AEPC?

PART C (5 x 14 = 70 Marks)

21. a) State and explain the essential and desirable properties of Textile fibres.

(OR)

b) Explain the end uses of different natural and Man Made fibres.

22. a) Explain in detail the sequence of yarn formation process.

(OR)

b) Explain briefly about different numbering systems commonly used in textile industry.

23. a) Explain in detail the sequence of woven fabric formation.

(OR)

b) Explain briefly about the application of woven fabric in apparel and technical textiles.

24. a) Explain briefly about different finishes available for fabrics and garments. **(OR)**

b) Explain briefly about the sequence of operation in garment manufacturing.

25. a) Explain about different types of textile industries. **(OR)**

b) Explain in detail about different export promotion measures and Agencies in Textile sector.
