

VI Semester B.Sc. (FAD) Examination, April/May 2015
(NS) (2013-14 and Onwards) (Freshers)
FASHION AND APPAREL DESIGN
FAD-603 (A) : Non-Woven and Technical Textiles

SA - 735

Time : 3 Hours

Max. Marks : 100

- Instructions :** 1) Answer **all** questions from Section A.
2) Answer **five** questions from Section B.
3) Answer **five** questions from Section C.

SECTION - A

I. Answer **all** the questions :

(10×2=20)

- 1) Define Intelligent textiles.
- 2) What are automotive textiles ?
- 3) What is spun bonding ?
- 4) What are transportation textiles ?
- 5) What is the function of flame retardant textiles ?
- 6) What are bonding techniques ?
- 7) What are filter fabrics ?
- 8) What are carbon fibres ?
- 9) Which are the fibres used for non-woven fabrics ?
- 10) What is camouflage ?

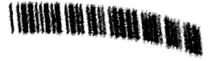
SECTION - B

II. Answer **any five** questions :

(5×6=30)

- 11) What is nano technology ? Give its applications.
- 12) What is dry filtration ? Explain.
- 13) What are intelligent textiles and give its application ?
- 14) What are high performance fibres ? Give its applications.
- 15) Explain the applications of technical textiles in military application.
- 16) Explain hydroentanglement in detail.

P.T.O.



SECTION - C

(5×10=50)

III. Answer **any five** questions :

- 17) What is stitch bonded non woven fabrics ? Explain their methods.
 - 18) What is artificial camouflage and mention its applications ?
 - 19) What is parallel, crossed, random laid webs ? Explain.
 - 20) State the growth and consumptions of technical textiles of India.
 - 21) Explain four stages of non woven fabric formations.
 - 22) Give the classification of technical textiles with suitable examples.
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