

- Q.30 What are the fibres used in packaging and explain their specific properties?
- Q.31 Define sports textiles and write its application?
- Q.32 Explain fabric coating process?
- Q.33 Draw a flowchart of production cycle for non-women textiles?
- Q.34 Discuss the scope of technical textiles?
- Q.35 Write a note on application of protective textiles?

SECTION-D

Note: Long Answer type question. Attempt any two questions. $(2 \times 10 = 20)$

- Q.36 Classify technical textiles according to application. Explain them in brief?
- Q.37 Explain the detail about various application of medical textiles?
- Q.38 Define Geo-textile. Explain its application in detail?

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5th Sem / Textile Processing/ Textile Technology Subject : Technical Textiles

Time : 3 Hrs.

M.M. : 100

SECTION-A

Note : Multiple choice questions. All questions are compulsory. $(10 \times 1 = 10)$

- Q.1 Which natural fiber find application in geo-textiles?
 a) Cotton b) Silk
 c) Wool d) Jute
- Q.2 What is meaning of “Geo” in Geo-textiles?
 a) Water b) Oil
 c) Soil d) Gas
- Q.3 On the basis of application technical textiles can be classified in _____ segments?
 a) 12 b) 30
 c) 25 d) 02
- Q.4 Which synthetic fiber is most widely used in geo-textiles?
 a) Silk b) Polyester
 c) Acrylic d) Cotton
- Q.5 What is the function of Geotextiles?
 a) Separation b) Drainage
 c) Reinforcement d) All of the above

- Q.6 Name the process used to join multiple fabrics using thermal energy?
a) Singeing b) Decatization
c) Lamination d) Boiling
- Q.7 Which fiber is most widely used in wet filtration?
a) Polypropylene b) Viscose
c) Wool d) Silk
- Q.8 How many types of web formation methods are there in non-wovens?
a) 1 b) 2
c) 4 d) 8
- Q.9 Mobiltech is related to?
a) Automobile b) Agriculture
c) Environment d) Medical
- Q.10 Which of the following is an implantable medical textile?
a) Bandage b) Vascular grafts
c) Diaper d) Surgical mask

SECTION-B

Note : Objective type questions. All questions are compulsory. (10x1=10)

- Q.11 Waterproof breathable material find application in _____ textiles?
- Q.12 Sports surfaces are made up of _____ Fibre?
- Q.13 Name any one polymeric material used for coating

- Q.14 Name any one speciality fibres used in medical textiles?
- Q.15 Name the material used for making biodegradable sutures?
- Q.16 Pressure Garments are an example of _____ textiles?
- Q.17 Belts and cords are an example of _____ textiles?
- Q.18 Name the fibre used in making bullet proof fabrics?
- Q.19 Name the fibre used in food packaging?
- Q.20 Write an example of industrial textile?

SECTION-C

Note : Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60)

- Q.21 Explain the fabric lamination process?
- Q.22 Write a short note on filter fabrics?
- Q.23 Write a note on fibres used in geo-textiles and their properties?
- Q.24 Write a short note on fibres used in medical textiles and their properties?
- Q.25 Explain the role of carpet in auto-textiles?
- Q.26 Write the applications of pack-tech?
- Q.27 Which fibres are used for protection from electromagnetic radiation. Explain their properties in brief?
- Q.28 Name the fibres used in sports Textiles and their specific properties?
- Q.29 Explain in short about high visibility fabrics?