

- Q.26 Write a note on application of protective textiles?
 Q.27 Which fibres are used for protection from nuclear radiation? Explain their properties in brief?
 Q.28 Name the fibres used in sports Textiles and their important properties?
 Q.29 Write a note on synthetic fibres used in geo-textiles and their properties?
 Q.30 What are the fibres used in packaging and explain their important properties?
 Q.31 Define sports textiles and write its application?
 Q.32 Explain in short about high visibility fabrics?
 Q.33 Explain fabric lamination process?
 Q.34 Discuss the importance of technical textiles?
 Q.35 Write the applications of pack-tech?

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (2x10=20)

- Q.36 Define non-woven textiles and explain different web formation methods?
 Q.37 Classify and explain technical textiles according to application?
 Q.38 Define medical textiles. Explain the applications of medical textile in detail?

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**5th Sem / Text. Proc, Text. Chem.
Subject:- Technical Textiles**

Time : 3Hrs. M.M. : 100

SECTION-A

Note: Multiple choice questions. All questions are compulsory (10x1=10)

- Q.1 Air bag is an example of?
 a) Safety device b) Decoration
 c) Ornamentation d) Geo-textiles
 Q.2 Which of the following is a specialty fiber?
 a) Jute b) Polyester
 c) Coir d) Chitin
 Q.3 On the basis of application technical textiles can be classified in _____ Segments?
 a) 03 b) 30
 c) 12 d) 02
 Q.4 Artificial turf are made up of?
 a) Nylon b) Viscose
 c) Cotton d) Wool

Q.5 What is/are the function of Geotextiles?

- a) Separation
- b) Drainage
- c) Reinforcement
- d) All of the above

Q.6 The surgical mask is an example of?

- a) Medical
- b) Geo
- c) Auto
- d) Protective

Q.7 Which fiber is mostly used in wet filtration?

- a) Polypropylene
- b) Viscose
- c) Wool
- d) Silk

Q.8 Mobiltech is related to?

- a) Medical
- b) Agriculture
- c) Environment
- d) Automobile

Q.9 Which of the following is used as a coating material for textiles?

- a) Calcium
- b) Base
- c) Naphthol
- d) Polyurethane

Q.10 Which of the following is an extracorporeal device?

- a) Bandage
- b) Artificial kidney
- c) Diaper
- d) Surgical mask

SECTION-B

Note: Objective type questions. All questions are compulsory. $(10 \times 1 = 10)$

Q.11 Ropes are an example of _____ textiles?

Q.12 Artificial turf is made up of _____ fibre?

Q.13 Name any one polymeric materials used for coating?

Q.14 Name any one specialty fibre used in medical textiles?

Q.15 Write an example of industrial textile?

Q.16 Diapers are an example of _____ textiles?

Q.17 Waterproof breathable material find application in _____ textiles?

Q.18 Name the fibre used in making bullet proof fabrics?

Q.19 Name the fibre used in food packaging?

Q.20 Name the material used for making sutures?

SECTION-C

Note: Short answer type questions. Attempt any twelve questions out of fifteen questions. $(12 \times 5 = 60)$

Q.21 Draw a flowchart of production cycle for non-wovens?

Q.22 What is filtration. Name the fibers used in filtration?

Q.23 List various materials used in coating of textiles?

Q.24 Write a note on Specialty fibres used in medical textiles?

Q.25 Explain the role of headliners in auto-textiles?