

- 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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Roll No. ....

**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. (10x1=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. (12x5=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?