

- Q.24 Write the applications of packaging textile ?
- Q.25 Write a short note on high visibility fabrics ?
- Q.26 Write a short note on bullet proof fabrics ?
- Q.27 Write a note on conveyor belts ?
- Q.28 Write a note on fibres used in medical textiles ?
- Q.29 Explain fabric coating process ?
- Q.30 Write a note on filter fabrics ?
- Q.31 What is the function of headliners in automobiles ?
- Q.32 Why textile material is replacing other materials like metals and wood ?
- Q.33 Write in detail about fire proof textiles ?
- Q.34 Explain any one lamination process ?
- Q.35 Write a note on needle punching process ?

#### SECTION-D

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

- Q.36 Define medical textiles. Explain its applications in detail ?
- Q.37 Classify technical textiles according to application and explain it ?
- Q.38 Define non- woven textiles and explain various web formation methods ?

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**5th Sem./ Textile Processing Text. Chem.**

**Subject:- Technical Textiles**

Time : 3Hrs.

M.M. : 100

#### SECTION-A

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

- Q.1 Parachute is an example of..... textiles ?
- a) Medical                      b) Geo
- c) Sports                        d) Auto
- Q.2 Sports surfaces are made up of ..... fibre ?
- a) Wool                          b) Cotton
- c) Silk                            d) Nylon
- Q.3 Name any one polymeric materials used for coating?
- a) PVC                            b) Silk
- c) Rayon                         d) Polyester
- Q.4 Name any one specialty fibre used in medical textiles?
- a) Silk                            b) Polyester
- c) Chitin                         d) Cotton

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Q.5 Name the material used for making biodegradable sutures ?

- a) Polyester                      b) Wool
- c) Nylon                          d) Collagen

Q.6 Pressure Garments are an example of..... textiles ?

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

Q.7 Diapers are an example of \_\_\_\_\_ textiles ?

- a) Medical                        b) Industrial
- c) Sports                         d) Auto

Q.8 Name the fibre used in making bullet proof fabrics ?

- a) Polyester                      b) Wool
- c) Rayon                         d) Kevlar

Q.9 Name the fibre used in packaging ?

- a) Polypropylene                b) Wool
- c) Rayon                         d) Kevlar

Q.10 Which of the following is/are an industrial textile ?

- a) Ropes                          b) Cords
- c) Belts                          d) All

## SECTION-B

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

Q.11 What is the meaning of "Geo" in Geo-Textiles ?

Q.12 Write any two application of geo-textiles ?

Q.13 Which is the most popular fiber used in geo textiles ?

Q.14 Name the fibers used in making of tyres ?

Q.15 Write two examples of auto textiles ?

Q.16 Alginate fiber is obtained from ?

Q.17 Name two type of lamination ?

Q.18 Name any two resins used in coating of textiles ?

Q.19 Write any two applications of non-woven textiles ?

Q.20 Name the fiber used in middle layer layer of surgical mask ?

## SECTION-C

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

Q.21 Explain melt blown process ?

Q.22 Write a brief note on hydro entanglement bonding process ?

Q.23 Write the applications of sports textile ?