

- Q.25 Write a note on industrial textiles?
- Q.26 What are the different fibres used in medical textiles?
- Q.27 Discuss fabric coating process?
- Q.28 Write a note on filter fabrics?
- Q.29 What is the function of headliners in auto-textiles?
- Q.30 Why technical textiles are gaining popularity?
- Q.31 Explain extracorporeal devices?
- Q.32 Discuss fabric lamination process?
- Q.33 Write a short note on bullet proof fabrics?
- Q.34 Discuss about role of synthetic fibers in technical textiles?
- Q.35 Write any five application of packaging textiles?

### SECTION-D

- Note:** Long answer type questions. Attempt any two questions out of three questions. (2x10=20)
- Q.36 Classify technical textiles according to application. Explain them in brief?
- Q.37 Explain in detail about various applications of medical textiles?
- Q.38 Define Geo-textile. Explain its applications in detail?

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Roll No. ....

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

**Subject:- Technical Textiles**

Time : 3Hrs.

M.M. : 100

### SECTION-A

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

- Q.1 Implant is a type of ..... textile?
- a) Medical                      b) Geo
- c) Auto                          d) Protective
- Q.2 What is meaning of "Geo" in Geo-textiles?
- a) Soil                              b) Oil
- c) Fire                              d) Gas
- Q.3 Strength is given to car tyres using?
- a) Wool                              b) Nylon
- c) Jute                                d) Coir
- Q.4 Which synthetic fiber is most widely used in geo-textiles?
- a) Silk                                b) Wool
- c) Polyester                      d) Cotton

- Q.5 Which of the following is used as a coating material for textiles?
- a) Calcium                      b) Base  
c) Naphthol                      d) Polyurethane
- Q.6 Name the process used to join multiple fabrics using thermal energy?
- a) Potting                      b) Laminating  
c) Crabbing                      d) Boiling
- Q.7 Which fiber is used to make hessian bags?
- a) Jute                      b) Acrylic  
c) Cotton                      d) Polypropylene
- Q.8 Web formation methods in non woven's are of \_\_\_\_\_ types?
- a) 1                      b) 2  
c) 4                      d) 8
- Q.9 Anti- bird nets are related to?
- a) Meditech                      b) Protech  
c) Cloth tech                      d) Agrotech
- Q.10 Seat belt is an example of?
- a) Safety device                      b) Decoration  
c) Ornamentation                      d) Geo-textiles

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## SECTION-B

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

- Q.11 Name any one web formation method for non-woven textiles?
- Q.12 Name any one bonding method for non-woven textiles?
- Q.13 Name a polyamide fiber?
- Q.14 \_\_\_\_\_ synthetic fibers is mostly used in Geo-textiles?
- Q.15 Diaper is an example of \_\_\_\_\_ textiles?
- Q.16 Conveyor belt find applications in ..... textiles?
- Q.17 Vascular graft is an example of ... textiles?
- Q.18 Flexible intermediate containers are an example of?
- Q.19 Write one application of geo-textile?
- Q.20 Kevlar fibers are used in making?

## SECTION-C

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

- Q.21 Write five application of sports textile?
- Q.22 Write a note on application of protective textiles?
- Q.23 What is the role of high visibility fabric?
- Q.24 Draw a flowchart of production cycle for non-woven textiles?

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