

- Q.34** What is the role of synthetic fibers in technical textiles?  
**Q.35** Write any five application of packaging textiles?

No. of Printed Pages : 4  
Roll No. ....

182651

## **Section-D**

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

- Q.36 Categorize technical textiles according to application.  
Give two examples of each application?

Q.37 Explain applications of medical textile textiles  
according to their use inside and outside body?

Q.38 Define Geo-textile. Name fibers used and function of  
geo-textiles?

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

Time : 3 Hrs.

M.M. : 100

## **SECTION-A**

**Note: Multiple type Questions. All Questions are compulsory. (10x1=10)**

- Q.1 Technical textiles can be classified in \_\_\_\_\_ Segments?

a) 13                                  b) 30

c) 12                                    d) 22

Q.2 Which of the following are speciality fiber?

a) Chitin                                b) Alginate

c) Coir                                    d) Both A & B

Q.3 Seat belt is an example of?

a) Safety device                        b) Decoration

c) Ornamentation                        d) Geo-textiles

Q.4 Indoor artificial turf are made up of?

a) Polypropylene                        b) Viscose

c) Cotton                                    d) Wool

Q.5 Geotextiles are used for?

a) Separation                            b) Drainage

c) Reinforcement                        d) All of the above

- Q.6 Compression bandage in an example of?  
 a) Medical                    b) Geo  
 c) Auto                      d) Protective
- Q.7 Which fiber is most commonly used in wet filtration?  
 a) Polypropylene            b) Viscose  
 c) Wool                     d) Silk
- Q.8 Mobiltech is related to?  
 a) Vehicles                b) Agriculture  
 c) Environment            d) Medical
- Q.9 Which of the following is used as a coating material for textiles?  
 a) Rubber                  b) Base  
 c) Naphthol                d) Polyester
- Q.10 Which of the following is an extra corporeal device?  
 a) Bandage                b) Artificial lung  
 c) Sutures                d) Surgical mask

### Section-B

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

- Q.11 Name the natural fibre used in food packaging?
- Q.12 Vascular grafts are an example of \_\_\_\_\_ textiles?
- Q.13 Name any one polymeric materials used in lamination?
- Q.14 Name any one bio degradable fibre used in medical textiles?

- Q.15 Write an example of protective textile?
- Q.16 Bullet proof vests are made up of \_\_\_\_\_ fibre?
- Q.17 Water proof breathable material find application in \_\_\_\_\_ textiles?
- Q.18 Name the fiber used in making geo-textiles?
- Q.19 Ropes are an example of \_\_\_\_\_ textiles?
- Q.20 Name the fiber used in dry filtration?

### Section-C

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

- Q.21 Discuss melt blown process?
- Q.22 Write a note on needle punching process?
- Q.23 Discuss in detail about fire proof textiles?
- Q.24 Draw a flowchart of production cycle for non-woven textiles?
- 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 Name fibers used in medical textiles?
- Q.31 Write a note on conveyor belts?
- Q.32 Discuss fabric lamination process?
- Q.33 Write a short note on chemical resistant suits?