

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

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?

No. of Printed Pages : 4

182651

Roll No.

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 is 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) Napthhol 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?