5th Sem./ Textile Processing
Subject : Introduction to Technical Textiles

Time : 3 Hrs.   M.M. : 60

SECTION-A

Note: Multiple Choice Questions. All Questions are compulsory.   (6x1=6)

Q.1   Which bast fiber find application in geo-textiles?

a)   Sisal   b)   Silk

c)   Wool   d)   Hemp

Q.2   _____synthetic fiber is most widely used in geo-textiles?

a)   Silk   b)   Cotton

c)   Acrylic   d)   Polyester

Q.3   What is the use of Geo textiles?

a)   Aesthetic   b)   Drainage

c)   Designing   d)   All of the above

Q.4   Which of the following is/are implantable medical textile?

a)   Gauge   b)   Vascular grafts

c)   Wipes   d)   Surgical mask

Q.5   Auto tech is related to?

a)   Automobile   b) Agriculture

c)   Environment   d) Medical

Q.6   Which fiber is most widely used in wet filtration?

a)   Poly propylene   b) Viscose

c)   Wool   d) Silk

Section-B

Note: Objective/Completion type questions. All questions are compulsory.   (6x1=6)

Q.7   Name a fiber used in dry filtration?

Q.8   Name fibers used to make artificial turf?

Q.9   Name only one polymeric materials used for coating?

Q.10   Crepe bandage are an example of _____textiles?

Q.11   Conveyor belts are an example of _____textiles?

Q.12   List any one speciality fibres?

Section-C

Note: Short answer type Question. Attempt any eight questions out of Ten Questions.   (8x4=32)

Q.13   Discuss purpose of carpet in automobiles?

Q.14   List the fibre used in sport-tech and their specific properties?

Q.15   Explain concept of high visibility fabrics?

Q.16   Write any four applications of pack-tech?

Q.17   Discuss the scope of technical textiles?

Q.18   Write a short note on dry and wet filtration?

Q.19   Write applications of sports textiles?

Q.20   List fibres used in medical textiles and their properties?

Q.21   Explain fabric coating process?

Q.22   Explain the fabric lamination process?

Section-D

Note: Long answer questions. Attempt any two question out of three Questions.   (2x8=16)

Q.23   Classify technical textiles according to application. Explain them in brief?

Q.24   Explain in detail about various applications of medical textiles?

Q25   Define Geo-textile. Explain its applications in detail.