

## **SECTION-D**

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

Q.23 Explain the applications of medical textiles in detail?

Q.24 Classify technical textiles according to application and give two examples for each?

Q.25 Define non-woven textile and explain various web formation methods?

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## **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 Tent cloth is an example of \_\_\_\_\_ textiles?

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

Q.2 Sports surfaces are made up of \_\_\_\_\_ fibre?

- a) Nylon
- b) Cotton
- c) Silk
- d) Rayon

Q.3 Which of the following material used for coating?

- a) PVC
- b) Silk
- c) Rayon
- d) Polyester

Q.4 Specialty fibres are used in \_\_\_\_\_ field?

- a) Medical
- b) Automobile
- c) Pack-tech
- d) None of these

Q.5 \_\_\_\_\_ Is the material for making sutures?

- a) Cotton
- b) Wool
- c) Polyester
- d) Acrylic

Q.6 Diapers are an example of \_\_\_\_\_ textiles?

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

### SECTION-B

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

Q.7 List two types of lamination?

Q.8 Name any one foaming material?

Q.9 Name any sea weed fibre?

Q.10 Name the fibre used to make 3ply mask?

Q.11 Give examples for geo-textiles

Q.12 Name fibres used in tyre cord?

### SECTION-C

**Note:** Short answer type questions. Attempt any eight questions out of ten questions. (8x4=32)

Q.13 Write a brief note on hydro entanglement bonding process?

Q.14 Why technical textiles are replacing popular materials?

Q.15 Explain melt blown process?

Q.16 What is the role of headliners in automobiles?

Q.17 Write a note a chemical protective suits?

Q.18 Enlist synthetic fibers used in geo-textiles and their uses?

Q.19 Discuss needle punching technique?

Q.20 Write a note on cords and belts?

Q.21 Write a note on conveyor belts?

Q.22 Discuss about heat bonding method?