

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

223152C

**5th Sem. / Fashion Design**  
**Subject : Smart Textile**

Time : 3 Hrs.

M.M. : 60

**SECTION-A**

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

- Q.1 Cycling short is a \_\_\_\_\_.  
a) Protective clothing    b) Medical clothing  
c) Sports clothing        d) Special need clothing
- Q.2 Doctor's coat is a \_\_\_\_\_.  
a) Protective clothing    b) Medical clothing  
c) Sports clothing        d) Special need clothing
- Q.3 Space suit is a \_\_\_\_\_.  
a) Protective clothing    b) Medical clothing  
c) Sports clothing        d) Special need clothing
- Q.4 Bullet proof jacket is a \_\_\_\_\_.  
a) Protective clothing    b) Medical clothing  
c) Sports clothing        d) Special need clothing
- Q.5 Flees jacket is a \_\_\_\_\_.  
a) Protective clothing    b) Medical clothing  
c) Sports clothing        d) Special need clothing

- Q.6 Adult Diaper is a \_\_\_\_\_.
- a) Protective clothing    b) Medical clothing
  - c) Sports clothing        d) Special need clothing

### Section-B

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

- Q.7 What is conductive fiber?
- Q.8 What is shape memory alloy?
- Q.9 What is thermo sensitive fiber?
- Q.10 What is photo sensitive fiber?
- Q.11 What is Geo Textile?
- Q.12 What is Agro Textile?

### Section-C

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

- Q.13 Give four example of medical functional clothing.
- Q.14 Give four example of sports functional clothing.
- Q.15 Give four example of Protective functional clothing.
- Q.16 What is active smart textile?
- Q.17 What is passive smart textile.
- Q.18 What is the difference between traditional and smart textile?

- Q.19 What is OEKOTEC?
- Q.20 What is protective textile?
- Q.21 What is medical textile?
- Q.22 Name four special need clothing.

### Section-D

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

- Q.23 Discuss in detail key benefits of smart textiles.
- Q.24 Discuss in detail various types of Protective functional clothing.
- Q.25 Discuss in detail types of functional clothing.