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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 Diper 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.  $(6 \times 1 = 6)$

- 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?

- Q.19 What is OEKOTECH?
- 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.  $(2 \times 8 = 16)$

- 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.

### Section-C

**Note:** Short answer type Question. Attempt any eight questions out of Ten Questions.  $(8 \times 4 = 32)$

- 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?