

SECTION-D

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

Q.23 Write in detail about various type of Protective clothing.

Q.24 Explain the features and functions of sports clothing made from smart fibers.

Q.25 Explain any two from the following :

- a) SMA
- b) Thermo sensitive material
- c) Benefits of Smart Textile

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Roll No.

5th Sem. / Fashion Design

Subject : Smart Textiles

Time : 3 Hrs.

M.M. : 60

SECTION-A

Note: Multiple choice questions. All questions are compulsory (6x1=6)

Q.1 Which industry make use of Smart textiles ?

- a) Healthcare b) Sports
- c) Military d) All of the above

Q.2 Which is most suitable attribute if Functional clothing

- a) Protection
- b) Moisture management
- c) Discomfort d) Both A & B

Q.3 Smart textile sense and react to _____.

- a) Mobiles
- b) External environment
- c) Voice d) Messages

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Q.4 Which is a key benefit of smart textile in healthcare ?

- a) Comfortable b) Durable
- c) Hygiene d) All of the above

Q.5 Choose the property related to SMA textiles.

- a) Wrinkle free b) Durable
- c) Comfortable d) All of the above

Q.6 Which Fiber is best suited for cricked T-shirts.

- a) polyester b) Silk
- c) Acrylic d) none of the above

SECTION-B

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

Q.7 One fiber used in making healthcare products.

Q.8 List one clothing for special need.

Q.9 Mention one use of sports functional clothing.

Q.10 Write one advantage of smart textile

Q.11 Passive smart textiles are the simplest smart textile (True/False)

Q.12 Mention one use of protective clothing.

SECTION-C

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

Q.13 Differentiate between Smart and Ultra smart clothing.

Q.14 Write a short note on conductive fibers.

Q.15 Mention the applications of smart textiles in fire fighter dresses.

Q.16 How smart textiles can prove to be a milestone for Textile industry ?

Q.17 Discuss one application of smart textile in Hospitals.

Q.18 How clothing made from smart fibers can help a sportsperson?

Q.19 Mention advantage of protective clothing .

Q.20 What do you understand by special needs and role of smart textile in such case?

Q.21 Explain the classification of Smart textiles.

Q.22 Write any four uses of specialty fibers .