

(For the candidates admitted from 2012–2013 onwards)

M.Sc. DEGREE EXAMINATION, APRIL/MAY 2018.

Third Semester

Textiles and Fashion Designing

TECHNICAL TEXTILES

Time : Three hours

Maximum : 75 marks

SECTION A — (5 × 5 = 25 marks)

Answer ALL questions.

1. (a) Write about cross laid process in bonded fabrics.

Or

- (b) What are the fibers used for bonded fabrics?

2. (a) Write about melt blown process in bonded fabrics.

Or

- (b) Explain about water proof finishes in bonded fabrics.

3. (a) Write a note on properties of geo textiles.

Or

(b) Explain about application of frictional resistance in geo textiles.

4. (a) Write short notes on ballistic process in textiles.

Or

(b) Explain about recreation and sports textiles.

5. (a) Write a short note about Effluent treatment.

Or

(b) Explain the uses of water in textile industry.

SECTION B – (5 × 10 = 50 marks)

Answer ALL the questions.

6. (a) What are the properties of textile composites in aerospace structural applications?

Or

(b) Describe the application of technical textiles.

7. (a) Explain about mechanical bonding of fabrics in detail.

Or

(b) Write about Hydro entanglement process in detail.

8. (a) Explain in detail about properties of geo textiles.

Or

(b) Write about Soil strengthening of geo textiles.

9. (a) Write in detail about requirements of textile material for medical applications.

Or

(b) Explain in detail about importance of textile in defense.

10. (a) Describe in detail about Effluent Generation and Characteristics of effluents.

Or

(b) Write about Secondary process of effluent treatment in detail.