

**Avinashilingam Institute for Home Science and Higher Education for Women
(Deemed to be University) Coimbatore-43**

**Master's Degree Examination-November 2018
Semester III**

**Class: II PG
Major: Bio Textile**

**Time: 3 Hours
Max Marks: 60**

17MBXC13 Sustainable Textile Production Techniques

Part A

10X1/2=5

Choose the correct Answer

- 1..... clothing that refers to fabrics derived from eco-friendly resources, such as sustainably grown fiber crops or recycled materials.
a. Sustainable b. Eco c. Geo d. Agro.
2. This is a voluntary method of environmental performance certification and labelling that is practised around the world
a. Eco system, b. Eco labelling c. Ecology d. Ecofriendly
3. LLE stands for
a. Liquid lite Extraction b. Lite liquid extraction
c. Liquid-liquid extraction. d. Lite -Lite extraction
4. Enzymes are..... produced by living cells that catalyze specific chemical or biochemical reactions.
a. Catalyst b. Protein c. Protein catalysts d. Beta protein catalyst
5. What is the art of applying design, aesthetics and natural beauty to clothing and its accessories?
a. Fashion accessory b. Fashion art c. Eco fashion d. Fashion design
6. CO₂ extraction is a process that uses pressurized carbon dioxide to pull the desired..... from a plant.
a. Phytochemicals b. Photochemical c. Oxochemical d. Demochemical
7. Eco-friendly fabrics are made from that do not require the use of any pesticides or chemicals to grow.
a. Fabrics b. Fibers c. Looms d. Machines.
8. This is a commonly adopted strategy in fashion retailing.
a. Growing fashion b. latest fashion c. Trends d. Fast Fashion
9. An identifies products or services proven environmentally preferable overall, within a specific product or service category.
a. Eco Label b. Eco Design. c. Eco Textile. D. Eco product.
10. Recycling is one the best things you can do to promote.....
a. Productivity b. Sustainability c. Accesability d. Promotevity

Part B

5X4=20

Answer ALL Questions

Each answer should not exceed 200 words or one page

11. a. What is supply chain environment?
Or
- 11.b. Explain eco design.
- 12.a. Detail on eco label.
Or
- 12.b. Explain Environment Management System?
- 13.a. Give procedure for solvent extraction
Or
- 13.b. How is an enzymatic extraction prepared?
- 14.a. What is eco fashion? Give Examples.
Or
- 14.b. How is fashion logistic monitored?
- 15.a. Who are eco fashion desiner?
Or
- 15.b. Being out the uniqueness of eco friendly fabrics.

PART-C

5X7=35

Answer ALL Questions

Each answer should not exceed 600 words or three pages

- 16.a. Describe eco design concept in fashion field and mention the importance.
Or
- 16.b. Give a detailed note to increase environmental awareness.
- 17.a. Differentiate sustainable fashion and sustainable textile.
Or
- 17.b. Write a note on green consumers, pressure groups and controlled colouration.
- 18.a. What is enzymatic extraction? What are its uses n types?
Or
- 18.b. What is CO₂ extraction? What are its uses and types?
19. a. Sustainable fashion is a boon or bane to the society. Explain
Or
- 19.b. Eco fashion is a quality-focused provider of information, news and media about sustainability- Justify
- 20.a. How does the sustainable fashion play a role in medical textile?
Or
20. b. Why the sustainable fashion and environment are interlinked? Give reasons.