



Avinashilingam Institute for Home Science and Higher Education for Women
(Deemed to be University under Category 'A' by MHRD, Estd. u/s 3 of UGC Act 1956)
Re-accredited with 'A+' Grade by NAAC. Recognised by UGC Under Section 12B
Coimbatore - 641 043, Tamil Nadu, India

Master's Degree Examination – June / July 2021
II Semester

Class : I PG

Time : 3 Hours

Major : Textiles and Fashion Apparel

Max. Marks: 100

20MTFC09 Sustainable Textiles and Fashion

Part A

10 x 1 = 10

Choose the correct answer

1. Sustainable textiles, are sometimes called _____, includes fabrics made from organic cotton and other natural materials. CO1K1
a. Sweater textiles b. Synthetic textiles
c. eco-textiles d. Standard textiles
2. Which of the following is used in sustainable textiles. CO1K2
a. Toxic substances b. Bamboo-plant based
c. Conventional cotton with chemical fertilizer d. Synthetic fibers
3. When a consumer buys green products such as ecological, organic or energy-saving products he/she can be termed as _____ consumer. CO2K1
a. white b. red c. green d. yellow
4. _____ helps to identify products and services that have a reduced environmental impact throughout their life cycle CO2K1
a. Eco-labels b. Wash care labels
c. Spandex labels d. Commission labels
5. One can encourage consumers to choose ethical/sustainable clothes over fast mass produced garments by improving _____. CO3K1
a. Mixture of chemicals b. Them as disposables
c. aesthetics d. High price
6. _____ is the fashion that fosters ecological integrity and social quality through products, practices of use and relationships. CO3K1
a. Fashion sustainability b. Fashion loop
c. Fashion cycle d. Fashion house
7. The role of Designers can affect sustainability to a _____ change because they can build foresight into products and systems. CO4K2
a. small b. big c. little d. zero
8. _____ practice helps in Sustainable Fashion Design Process Production. CO4K1
a. Zero waste design b. Local design
c. Smart design d. No Package
9. _____ represents a changed point of departure for fashion with different values, goals and objectives. CO5K1
a. Fad vs Fashion b. Fast fashion vs slow fashion,
c. Smart vs Decent d. Leather vs fur
10. _____ involves increased numbers of new fashion collections every year, quick turnarounds and often lower prices. CO5K3
a. Fast fashion b. Value fashion
c. Sport fashion d. Trend fashion

Part B
Answer the following
Answer should not exceed 400 words or two pages

5x6 = 30

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|---|-----|----|
| 11.a. Determine the need for sustainability | CO1 | K3 |
| (or) | | |
| 11.b. Report the aspects relating to consumer attitude towards sustainability | CO1 | K3 |
| 12.a. Explain how Environmental Management System (EMS) is functioning? | CO2 | K2 |
| (or) | | |
| 12.b. How waste management is followed in spinning and fabric manufacturing? | CO2 | K3 |
| 13.a. Explain on bio polishing processes. | CO3 | K3 |
| (or) | | |
| 13.b. Present the application of Natural Colourants in textiles | CO3 | K3 |
| 14.a. Discuss on Zero waste design practice. | CO4 | K3 |
| 14.b. Present the phases of fashion design and production | CO4 | K2 |
| 15.a. Examine the application of negademand | CO5 | K3 |
| (or) | | |
| 15.b. How clothing care methods are done in sustainable way? | CO5 | K3 |

Part C
Answer the following
Answer should not exceed 800 words or four page

5x12 = 60

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| 16.a. Correlate importance of reduce, recycle and upcycle concepts in textile and garment sectors. | CO1 | K4 |
| (or) | | |
| 16.b. Point out the market for sustainable textiles and fashion products, | CO1 | K4 |
| 17.a. Elaborate an Eco-labels | CO2 | K4 |
| (or) | | |
| 17.b. Recommend Sustainable factors in yarn and fabric manufacturing | CO2 | K5 |
| 18.a. Give a detailed note on bio desizing and bio scouring process. | CO3 | K3 |
| (or) | | |
| 18.b. Enzymatic degumming and enzymatic retting. | CO3 | K5 |
| 19.a. Summarize textile recycling methodologies. | CO4 | K5 |
| (or) | | |
| 19.b. Recommend the sustainable strategies for design houses | CO4 | K5 |
| 20.a. Highlight on the Locally made and globally relevant, fashion apparels. | CO5 | K6 |
| (or) | | |
| 20.b. Compare Fast fashion vs slow fashion | CO5 | K5 |
