

**Avinashilingam Institute for Home Science and Higher Education for Women
(Deemed to be University) Coimbatore-641 043
Bachelor's Degree Examination – November-2018
V Semester**

Class : III UG

Time :3 hours

Major : Textiles and Apparel Designing

Max. Marks: 100

15BTDC24 Eco textiles

Part-A

10 x 1=10

Choose the correct answer

1. Oekotex 100 is
a. Sign of purity b. Eco mark c. Care label d. Silk mark
2. The logo for eco mark is
a. Green leaf b. Earthen pot c. A tree d. A sapling
3. Which of the following is a leaf fibre
a. Hemp b. bamboo c. Pineapple d. Thuthi
4. The enzymes are composed of
a. Lactic acid b. Acetic acid c. Amino acid d. Formic acid
5. Glucose oxidase is used for
a. Bio desizing b. Bio scouring c. Bio bleaching d. Degumming
6. Enzymes are obtained from
a. Animals b. Plants c. Microorganism d. All the above
7. Which of the following is a animal dye
a. Indigo b. Manjista c. Myrobalan d. Lac
8. Which part of a pomegranate is used as a mordant
a. Fruit b. Leaf c. Bark d. Rind
9. An example for secondary treatment
a. Membrane technology b. Trickleing filtration c. Neutralisation
d. activated carbon adsorption
10. Micro organisms are involved in removing heavy metals in
a. Bioremediation b. Phyto remediation c. Ion exchange d. Fractionation

Part B

5 X 6=30

Answer the following

Answer should not exceed 400 words or two pages

- 11.a. Write a note on eco labels its need and scope
(or)
- 11.b. How can the effluents from textile processing be classified ?
- 12.a. Discuss the advantages of natural fibres
(or)
- 12.b. Write a note on BT cotton
- 13.a. Write a note on enzymatic desizing. What are its advantages?
(or)
- 13.c. Is eco friendly processing necessary? Why
- 14.a. What are mordants? Explain its source and types.

