

FASHION DESIGN STUDIO MANAGER LEVEL 6

FAS/OS/FD/CC/01/6/A

Design and Decorate Fabric (Theory)

March/April 2024



MERU UNIVERSITY OF SCIENCE AND TECHNOLOGY

WRITTEN ASSESSMENT

Time: 3 hours

INSTRUCTIONS TO CANDIDATES

1. This paper has two sections A and B
2. You are provided with a separate answer booklet
3. Marks for each question are as indicated
4. Do not write on the question paper

SECTION A: 40 MARKS

Answer **all** questions in this section

1. Define the following terms. (4 marks)
 - a) Embroidery hoop
 - b) Calendering
 - c) Division of work
 - d) Felting
2. Distinguish the following terms. (4 marks)
 - a) Creativity and innovation
 - b) Harmony and unity
3. State two end use of viscous rayon fibres. (2 marks)
4. List five fabrics that can be used in batik. (5 marks)
5. Outline two ways you would recycle fabric wastes in your workshop. (2 marks)
6. Explain the functions of the following tools used in fabric decoration. (5 marks)
 - a) Heaters
 - b) Squeegee
 - c) Spoons
 - d) Sprayers
 - e) Knife
7. List down two differences between screen printing and embroidery. (4 marks)
8. Discuss four ways you would market a fabric you have decorated in class to the Nchiiru community. (4 marks)
9. Highlight four innovative materials you would use to decorate a wedding gown fabric. (4 marks)
10. Discuss three items that can be made using tie and dye waste fabrics pieces. (6 marks)

SECTION B: 60 MARKS

(CHOOSE ANY THREE QUESTIONS)

11. A textile company in Eldoret town produces fabrics and garments. The fabrics produced are dyed, printed and later used in garment production in the same company.
- a) Discuss five ways the company employees can ensure their health is not affected by the whole production process. (10 marks)
 - b) Explain five safety rules to observe when handling machines. (10 marks)
12. A client of your interior decor company is looking for something to decorate their bedroom wall. They approach you as the chief designer for suggestions on what item will bring out the aesthetic of their bedroom.
- a) List and explain one item that you would suggest to them and discuss four principles you would observe when producing the item to make it appealing. (10 marks)
 - b) Explain five tools and materials you would use to make the item. (10 marks)
13. You are assigned to do a presentation to a client on various fabrics that your company produces and what makes your fabrics the best in the market.
- a) Describe the five stages of cotton production process from harvesting to fabric formation. (10 marks)
 - b) Explain five finishes applied on fabrics after weaving/knitting. (10 marks)
14. A creative tech company is looking to brand their staff t-shirts. They have consulted you on different methods they can use to make their staff cloths unique and different from other companies.
- a) Explain five fabric decoration methods that you would suggest. (10 mark)
 - b) Describe tie and dye process using the spiral technique. (10 marks)