



**Avinashilingam Institute for Home science and Higher Education for Women
Coimbatore - 641043**

**Continuous Internal Assessment Test II – October 2025
Semester V**

Class : III B.Sc

Time: 2 hours

Major: Textiles and Apparel Designing

Max. Marks: 60

23BTDC10 Computer Aided Textiles and Apparel Designing

Course Outcomes:

- Gain knowledge on drawing tools in CAD
- Make use of different tools for computer aided garment designing
- Choose CAD software's for designing textiles
- Create designs for logo, label and other business accessories
- Learn about various software and its uses in pattern making and grading

Part – A

6 X 1 = 6

Circle the correct answer

1. Select the tool used to create clean and precise shapes for motifs
a) Pen Tool b) Smudge Tool c) Dodge Tool d) Clone Stamp Tool **CO1K1**
2. The _____ tool allows you to create smooth and precise paths for the outline of croquis.
a) Rectangle Tool b) Pen Tool c) Lasso Tool d) Shape Builder Tool **CO1K1**
3. This tool can be used to mirror or balance a croquis for symmetry.
a) Rotate Tool b) Reflect Tool c) Scale Tool d) Eraser Tool **CO1K1**
4. The 'Define Pattern' command in Photoshop can be accessed through _____ menu.
a) Edit Menu b) File Menu c) Filter Menu d) Window Menu **CO1K1**
5. TUKA cad software is particularly popular because of its
a) Is used mainly for book publishing b) Provides cost-effective CAD solutions for pattern design and grading
c) Works only for knitwear d) Is mainly a textile dyeing software **CO1K1**
6. The A key advantage of using pattern-making software compared to manual methods
a) Requires no training at all b) Lower software cost than paper
c) Unlimited internet storage d) Increased speed, accuracy, and reduced fabric wastage **CO3K1**

Part B

3 X 6 = 18

Answer ALL questions

Each answer should not exceed 400 words or two pages

- 7.a List and explain the tools used for designing in Adobe Photoshop. or **CO1K1**
- 7.b Enumerate on steps in creating a motif using Adobe Photoshop. **CO2K2**
- 8.a Why adobe illustrator is used in designing industry? Mention its significance. or **CO3K2**
- 8.b Brief on paint tools and modify tools used in illustrator. **CO2K4**
- 9.a Mention advantages and disadvantages of CAD in designing industry. or **CO2K2**
- 9.b What is grading? Write down the advantages of software's in pattern making. **CO4K4**

Part C

3 X 12 = 36

Answer ALL questions

Each answer should not exceed 800 words or four pages

- 10.a Illustrate and explain the steps involved in preparing design repeat for a garment using adobe photoshop. or **CO1K2**
- 10.b Explain the process of creating print motif using adobe photoshop. **CO1K4**
- 11.a How croquies are created using adobe illustrator? Explain in detail with illustrations. or **CO3K1**
- 11.b Brief on steps involved in design creation using illustrator. **CO1K3**
- 12.a Detail on significance and usage of TUKA cad software in textile industry. or **CO2K2**
- 12.b Write on Gerber Accumark, Optitex softwares and its uses. **CO4K1**

Staff in-charge : Ms.S.Mounica

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