



**QUIZ: 3D Design and Digital Fashion Innovation**

**1. Which of the following is a key advantage of using a 3D design in sustainable fashion?**

- a) It requires the use of real fabrics for each prototype
- b) It increases the number of physical samples to be produced
- c) It reduces design time and minimizes material waste
- d) It eliminates the need for digital skills in the fashion sector

**2. A professional designer working on high-precision virtual samples and needing to integrate 2D patterns with realistic fabric simulations in a 3D environment should most likely choose which of the following software?**

- a) OpenSCAD, for its parametric modeling via coding
- b) Tailornova, for its cloud-based platform and automatic pattern generation
- c) CLO 3D, for its integration of 2D patternmaking and realistic draping simulation
- d) SketchUp, for its intuitive interface and access to a library of pre-made models

**3. Which of the following statements correctly describes the benefit of transitioning from 2D patternmaking to 3D digital modeling in sustainable fashion design?**

- a) It avoids the use of software like Blender entirely
- b) It eliminates the need for garment construction skills
- c) It reduces fabric waste and speeds up design adjustments
- d) It fully replaces manual 2D patternmaking work

**4. Which of the following Blender tools is used to ensure symmetry in garment design?**

- a) Subdivision Tool
- b) Grease Pencil
- c) Mirror Modifier
- d) Texture Paint

**5. Which sequence of activities correctly represents the workflow for creating a realistic 3D garment and testing its fit in Blender, according to the unit?**

- a) Import avatar → Apply texture → Grease Pencil drawing → Fabric simulation
- b) Garment modeling → Import avatar → Apply materials → Physics and fitting simulation
- c) Grease Pencil drawing → Texturing → Fabric simulation → 3D modeling
- d) Add lighting → Rendering → Draw garment → Apply physics simulation

**Answers:** a) S c) b) c) (E c) (E c) (l