



QUIZ OF MODULE 3

QUIZ: Textile Science and Conscious Design

1. Which of the following definitions matches the burn test interpretation for polyester?

- a) Burns quickly, with a lingering soft gray ash and a smell of burning paper.
- b) Melts and shrinks from the flame, has a sweet chemical smell, and leaves hard, dark beads.
- c) Burns slowly, smells like burning hair or feathers, and leaves a black, gritty ash.
- d) Burns rapidly, with a hot, acid odor, and leaves hard, dark beads.

2. Select the set of fabrics that exclusively originated from a plain weave.

- a) Denim, crepe, muslin, satin and serge
- b) Brocade, taffeta, gabardine, houndstooth and georgette
- c) Duchess, jersey, satin, organza and chino
- d) Crepe, taffeta, chiffon, organza and muslin

3. Which finishing techniques is a mechanical process that can be done industrially or in a domestic sewing machine consisting of stitching together three layers: a middle layer that maintains the warmth while the others protect it?

- a) Pleating
- b) Quilting
- c) Embroider
- d) Scouring

4. Which is the best choice of materials when designing conscious clothing?

- a) Low impact fibers like hemp or tencel
- b) Organic fibers like organic cotton or organic linen
- c) Recycled fabrics like recycled polyester or recycled wool
- d) All of the above depending on the context: usage purpose, washing needs or average life span

5. Select the manual processes that describes the right steps to make a fabric waterproof

- a) There is no method to manually turn a fabric waterproof
- b) Display fabric on top of a cardboard - Use plastic film to cover the fabric - Bake it in the oven - Wash
- c) Display fabric on top of a cardboard - Melt beeswax mixing it occasionally - Use paint brush or sponge to add a coating of the beeswax to the fabric - Dry using a hairdryer or ironing
- d) Soak fabric in a solution of ½ water ½ vinegar for 10 minutes - Squeeze the fabric to get rid of excess water and let it dry - Hammer the fabric evenly

Answers: c (S 'p (7 'q (E 'p (E 'q (l