

Name \_\_\_\_\_

## The Magic of Color and Patterns in Clothing

### Multiple Choice Questions

1. What is the primary difference between dyes and pigments?
  - a) Dyes are solid particles, while pigments are soluble in water.
  - b) Dyes chemically bond with fabric fibers, while pigments adhere to the fabric's surface.
  - c) Dyes are derived from synthetic sources, while pigments are natural.
  - d) Dyes are only used for printing, while pigments are used for dyeing.
  
2. Why did the fashion industry transition from natural dyes to synthetic dyes in the 19th century?
  - a) Natural dyes were more vibrant.
  - b) Synthetic dyes were more eco-friendly.
  - c) Synthetic dyes offered a wider range of colors.
  - d) Natural dyes were more cost-effective.
  
3. Which method of applying color to fabric involves immersing the entire fabric in a dye bath?
  - a) Printing
  - b) Weaving
  - c) Dyeing
  - d) Knitting
  
4. What is the primary advantage of the printing method for adding patterns to fabric?
  - a) It allows for intricate patterns and multiple colors.
  - b) It requires less fabric than other methods.
  - c) It results in a solid, uniform pattern.
  - d) It can only be used for small-scale designs.
  
5. What innovative technology is mentioned in the passage as a means to add texture and dimension to fabrics?
  - a) Block printing
  - b) 3D printing
  - c) Digital printing
  - d) Tie-dye

