

Selection and Care of Fibers and Fabrics

CHAPTER

26

Study Guide A

Directions: Answer each question with the information you learned in Chapter 26. Write your answers in complete sentences on the lines provided.

1. What are the hairlike substances that, twisted together, make up yarns and fabrics?

2. Describe natural fibers.

3. List three natural fibers.

4. Describe how manufactured fibers are produced.

5. What are characteristics of manufactured fibers?

6. Identify three types of manufactured fibers.

7. Explain how the generic name for a fiber is different from a trade name for the fiber.

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8. What are fabric blends? What makes blends beneficial?

9. What are the special qualities of microfibers?

10. Describe weave in fabric.

11. What is knitting? What are special qualities of knitted fabric?

12. List three kinds of knitted fabric.

13. How are nonwovens created?

14. Give examples of nonwoven fabric.

15. What is the purpose of fabric finishes?

16. What are three examples of performance finishes?

17. What are three common ways to dye fabrics?

18. Name two fabric traits that can help you decide whether a fabric suits your needs.

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Study Guide B

Directions: Answer each question with the information you learned in Chapter 26. Write your answers in complete sentences on the lines provided.

1. Why should you take a little extra time to wash, mend, and properly store your clothes?

2. What are two benefits of proper clothing storage?

3. Why is washing clothing correctly important?

4. Where can a person find out how to care for a garment?

5. What is pretreatment and why is it important?

6. When sorting clothes before doing laundry, why should you use four different bags?

7. What is the job of detergent? How is it different from bleaches and fabric softeners?

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8. Summarize the steps for hand washing a garment.

9. How should you dry clothing that must be hand washed?

10. What is pressing? How is it different from ironing?

11. What other equipment can remove wrinkles, and what are its benefits?

12. What is dry cleaning, and what are three types of dry cleaning?

13. What are three ways to repair a tear or rip?

14. How is a sew-through button different from a shank button?

15. What is a snap, and how is it different from a hook and eye?

16. List the seven steps to packing a bag.

How To Choose the Right Fabric

Directions: Not every fabric is equally suited for every need. The people below need clothing for a specific purpose. Help each person select appropriate clothing based on job or activity needs and fabric considerations.

Scenario 1: Mary is on the swim team at her school. She is also part of a committee involved with selecting new swimsuits for the team. The swimsuits need to be very durable, comfortable, and not restrict movement.

A. What fabric traits should Mary and her committee consider?

B. What kinds of fabrics should Mary and her committee look for in a swimsuit? Why?

Scenario 2: Scott is going to work at a fast-food restaurant where he is expected to wear black slacks and a white shirt. He will work three shifts a week and will have cleaning and cooking responsibilities.

A. What fabric traits should Scott consider?

B. What kinds of fabrics should Scott look for in his work clothes? What are the positive and negative traits for these fabrics?

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Fabric Construction and Finishes

Part I. Directions: Complete the chart to define the types of fabric construction. Then locate a fabric sample that shows each type of construction and attach it to the chart in the space provided. Be sure to label your fabric sample with its name, such a denim or jersey knit.

Type of Fabric Construction	Definition	Fabric Samples and Garment Types
Plain Weave		
Twill Weave		
Satin Weave		
Pile Weave		
Single Knits		
Rib Knits		
Interlock Knits		
Double Knits		
Tricot Knits		

Part II. Directions: On a separate sheet of paper, identify the performance finish you would expect the following items to have: child’s pajamas, khaki slacks, t-shirts, child’s jeans, and life jacket.

Clothing Care and Storage

Directions: By taking a little extra time each day to care for your clothing, you can keep from having big clothing problems later. For each clothing item listed below, describe how you would care for and store the item.

1. Wool blend sweater with no stains.

A. Care: _____

B. Storage: _____

2. Jeans with a food stain.

A. Care: _____

B. Storage: _____

3. Silk blouse with a perspiration stain under arms.

A. Care: _____

B. Storage: _____

4. Wool jacket that needs special storage during the summer.

A. Care: _____

B. Storage: _____

5. Six pair of socks worn with slacks and jeans.

A. Care: _____

B. Storage: _____

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Sorting Laundry

Directions: Read the list of clothing below. Then sort the laundry into six laundry baskets and the dry-cleaning bag shown below. Write your responses in the space provided.

- Dark blue jeans
- Dirty white socks
- Black slacks
- Wool sweater
- White undergarments
- Black cotton sweater
- White T-shirt
- Towels
- Soda-stained maroon T-shirt
- Hand-washable blue suede shirt
- Greasy sweatshirt
- Mud-covered black nylon jacket
- Red sweatshirt
- Silk blouse
- Light grey fleece pullover
- Brown corduroy jeans
- Grass-stained sweatpants

