FIBERS: MANUFACTURED AND NATURAL

Directions: Answer the following questions as the material is presented.

1. What is fabric made of? ________________________________

2. The two (2) groups of fibers are: ________________ and ________________

3. There are three terms commonly used for non-natural fibers. They are:
   ________________  ________________  ________________

4. List two (2) categories of synthetic (man-made) fibers and give an example of each.
   Categories  1. ________________  2. ________________
   Examples   1. ________________  2. ________________

5. Briefly describe how synthetic fibers are made.
   ________________________________

6. Name several characteristics of synthetic fibers.
   ________________________________

7. What are some commonly used products made of synthetic fibers?
   ________________________________

8. Some advantages of synthetic fibers are:
   ________________________________

9. Some disadvantages of synthetic fibers are:
   ________________________________

10. How are the disadvantages of synthetic fibers generally overcome?
    ________________________________

11. Explain the difference between the generic name and the trade name. Give an example of each.
    A generic name is ________________________________:
    A trade name is ________________________________:

12. List five (5) natural fibers and the source of each.
    Fibers: ___________ ___________ ___________ ___________ ___________
    Source: ___________ ___________ ___________ ___________ ___________
FIBERS: MANUFACTURED AND NATURAL - PAGE 2

13. What are some advantages of natural fibers?

14. What are some disadvantages of natural fibers?

15. Briefly describe how wool is made.

16. Explain what happens to natural fibers when laundered incorrectly.

17. Why are natural fibers often more expensive?

18. Why is it important to check the label of a garment for the fiber content?

Photomicrograph of flax showing nodes.

Flax fiber at different stages of processing.