

LABORATORY EXERCISE 9 CONNECTIVE TISSUES

Laboratory Report Answers

PART A

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|----|---|----|---|-----|---|
| 1. | e | 5. | i | 9. | g |
| 2. | a | 6. | d | 10. | c |
| 3. | b | 7. | a | 11. | f |
| 4. | c | 8. | h | 12. | j |

PART B

(sketches)



Critical Thinking Application Answer

The spleen is composed of reticular connective tissue. This type of tissue contains only short, thin, collagenous fibers (reticular fibers) that are widely scattered. The result is a delicate distribution of fibers among cells and a fluid ground substance. (Spleen repair is almost impossible due to the short reticular fibers. A ruptured spleen is usually removed in surgery.)