## Study Guide

## CHAPTER 11

## Section 1: Basic Patterns of Human Inheritance

In your textbook, read about basic patterns of human inheritance.

Use the terms below to complete the passage. These terms may be used more than once.

albinism alleles cystic fibrosis dominant heterozygous homozygous pedigree recessive

In your textbook, read about recessive and dominant genetic disorders.

Complete the table by writing the disease name for each description.

albinism achondroplasia cystic fibrosis galactosemia Huntington's disease Tay-Sachs disease

| Disease | Description  |
|---------|--|
| 10.     | caused by altered genes; results in lack of skin pigment   |
| 11.     | recessive genetic disorder; characterized by body's inability to<br>tolerate galactose                                   |
| 12.     | recessive genetic disorder; gene found on chromosome 15;<br>characterized by lack of enzyme that breaks down fatty acids |
| 13.     | recessive genetic disorder; affects mucus-producing glands,<br>digestive enzymes, sweat glands                           |
| 14.     | dominant genetic disorder; affects the nervous system  |
| 15.     | autosomal dominant genetic condition; affects height and body size   |

# Patterns Of Inheritance Study Guide 11 2

**Clifford Lane** 

#### **Patterns Of Inheritance Study Guide 11 2:**

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  - $\circ$  Chapter 5: Conclusion
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