






- 1  **Chapter 6**  
Pedigree analysis, Applications & Genetic Testing
- 2  **6.1 -6.3**
  - ▶ Worksheet & activity
  - ▶ X-linked recessive
  - ▶ hemophilia
- 3  **6.4-6.5 twins/adoption**
  - ▶ Dizygotic
  - ▶ Monozygotic
  - ▶ Genes vs. environment
    - ▶ Nature vs. nurture
    - ▶ Concordance
    - ▶ Obesity
- 4  **6.6 Genetic Counseling**
  - ▶ Genetic counseling
- 5  **6.7 Genetic Testing**
  - ▶ Ultrasonography
  - ▶ Amniocentesis
  - ▶ Chorionic villus sampling
  - ▶ Maternal blood tests
    - ▶ Fetal cell sorting
  - ▶ Preimplantation diagnosis
  - ▶ Newborn screening
  - ▶ Heterozygote screening
    - ▶ Tay-Sachs
  - ▶ Presymptomatic testing

This is only a guideline topics discussed in-class as well as the assigned pages from the text and supplemental material may also be on the exam.