Heredity and Genes

1. _____ is the passing of genetic material from generation to generation.
   a. division  b. photosynthesis  
   b. heredity  c. mitosis

2. Genes are found in the _____.
   a. vacuole  c. nucleus  
   b. cell wall  d. golgi body

3. Genes are particularly located on the _____.
   a. chromosomes  c. ribosomes
   b. rough E.R.  d. golgi body

4. Genes contain _____.
   a. chlorophyll  c. ribosomes
   b. cells  d. DNA / RNA

5. How many different genes can an animal cell (e.g. monkey) have?
   a. thousands  c. ten
   b. one  d. hundreds

6. How many genes does an offspring receive from its father?
   a. a quarter  b. half
   b. four fifths  c. all

7. A gene is the ______.
   a. basic physical and functional unit of heredity
   b. control unit of a cell
   b. blue pants we wear
   c. part of a plant cell that keeps it turgid
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