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#Diego Butler



so many fake sites. this is the first one which worked! Many thanks

Chapter 14 The Human Genome

Assessment

Reviewing Content

Choose the best answer.

1. A normal human diploid zygote contains a full set of
23 chromosomes.
46 chromosomes.
44 chromosomes.
XXY chromosomes.
2. A chart that traces the inheritance of a trait in a family is called a(n)
pedigree.
karyotype.
genome.
autosome.
3. Traits that are caused by the interaction of many genes are said to be
polygenic.
linked.
polygenic.
autosomal.
4. An example of a trait that is determined by multiple alleles is
Huntington's disease.
ABO blood groups.
Down syndrome.
hemophilia.
5. Most sex-linked genes are found on the
Y chromosome.
O chromosome.
XY chromosomes.
X chromosome.
6. Hemophilia is a genetic disorder that is
sex-linked.
sex-influenced.
fairly common.
more common in women than men.
7. Which parental pair could produce females with colorblindness?
homozygous normal-vision mother, father with colorblindness
mother with colorblindness, normal-vision father
heterozygous normal-vision mother, normal-vision father
heterozygous normal-vision mother, father with colorblindness
8. A common genetic disorder characterized by bent and twisted red blood cells is
cystic fibrosis.
hemophilia.
sickle cell disease.
muscular dystrophy.
9. Which of the following techniques takes advantage of repeated DNA sequences that do not code for proteins?
DNA microarray.

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Chapter 14 Human Chromosomes Answer Key