

UNIT TEST 3: GENETICS

Name: _____

PART I: Multiple Choice (30 Marks) **ANSWER SHEET ON THE BACK****1. The products of meiosis I are:**

- a. Diploid
- b. Haploid
- c. Implolid
- d. Deeploid

2. The products of meiosis II are:

- a. Diploid
- b. Haploid
- c. Implolid
- d. Deeploid

3. In a dihybrid problem, the dimensions of a Punnett's square are determined by:

- a. The number of traits
- b. The number of gametes
- c. The number of possible gamete combinations
- d. The number of alleles

4. In a monohybrid cross showing complete dominance, the phenotypic ratio would be:

- a. 3:1
- b. 2:2
- c. 0:4:0
- d. 1:2:1

5. A statement must include which of the following information:

- a. Species, Generation, Trait, Phenotypic Ratio
- b. Species, Genus, Trait, Genotypic Ratio
- c. Species, Generation, Trait, Genotypic Ratio
- d. Species, Method of Reproduction, Trait, Phenotypic Alleles

6. A test cross is performed by crossing a dominant individual with an unknown genotype with...

- a. a heterozygote
- b. a homozygous dominant individual
- c. a homozygous recessive individual
- d. a dominant individual of unknown genotype

Genetics Unit Test Review Answers

Robert R. Redfield



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