Naı	me:			Date:	Hour:		
			DETERMINING GEN	ETIC TRAITS QUIZ			
Mu	ıltiple C	hoice #1-10		,			
	-		CANAT allalas is soid	to be			
1.		vidual who has two of the	SAIVIE alleles is said	to be			
		70					
		haploidzygous					
	C.	70					
	d.	diplodzygous					
2.				es of each parent separ	ate and only one allele fro		
	•	arent passes to an offsprir	•				
	a.	Law of Independent asso	rtment				
	b.	Principle of Hybridization					
	С.	Law of Segregation					
	d.	Law of Dominance					
3.	In pea plants, the dominant trait is TALL, and the recessive trait is SHORT. What is the GENOTYPE of a						
	hetero	zygous individual?					
	a.	Ts					
	b.	tt					
	c.	TT					
	d.	Tt					
4.	The PHYSICAL appearance resulting from a given gene combination is referred to as the						
	a.	genotype					
	b.	phenotype					
	c.	alleleotype					
	d.	stereotype					
5.	The tw	o alleles for a trait are red	and white and red	is dominant to white. W	/hat is the genotype of a		
	The two alleles for a trait are red and white and red is dominant to white. What is the genotype of a homozygous dominant">homozygous dominant individual?						
		RR					
	b.						
	С.	Rw					
	_	Ww					
6.	Gregor	r Mendel was:					
J .	a.	an English scientist who c	arried out research	with Charles Darwin			
	а. b.	was the first person to ide					
	C.	an Austrian monk who ca			•		
	c. d.	conducted research on m	_	esearch using pea piants			

aliele. a. the dominant b. the recessive c. neither The idea that different pairs of alleles are passed to offspring independently is Mendel's principle of: a. unit inheritance b. law of segregation c. law of independent assortment The passing of traits from parents to offspring is called? a. Heredity b. Traits c. Genetics d. Generations O. A plant that always produces offspring with the same form of a traits as the parent is known as? a. Pure plant/purebred b. Hybrid c. Homozygous d. Heterozygous hort Answer: Questions 11-24 or questions 11-19. Decide whether the following word or phrases are (P) phenotypes or (G) genotypes. 11 Green	7. Whe	When the genotype consists of a dominant and a recessive allele, the phenotype will be like							
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17Striped 18Short 19Heterozygous or questions 20-22. Decide how to describe the following alleles: Use the words homozygous, heterozygous, ominant, and recessive when necessary. 20. KK	b c d hort An	b. Hybrid : Homozygou I. Heterozygo swer: Question tions 11-19. De	us us ns 11-24 ecide whether th						
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	•	t, and recessiv 20. KK	e when necessa	γy.					
		22 ++							