	nembers o		nt in the world and can be found living in every biome. es are collectively referred to as the human – C ecosystem D organelles
de la company	when tem	peratures change	of organism is possible only if the organisms can — C find protection from predators D locate a constant food source
ts carrying A mutation	capacity rates are		ast likely to be associated with a population exceeding C food resources have become limited D all available habitats are occupied
	4		The mice in this picture contain <i>different versions</i> of the gene for fur color within their genomes.
4. What do	we call d	ifferent versions of a	a gene?
5. What do	we call t	he physical expression	on of a genetic trait?
6. What pr	ocess crea	ates new versions of	f a gene?
available ir	the ecos e are thos	ystem. When this o e members of the p	fspring than can survive based on the resources occurs, the organisms most likely to acquire resources opulation with the – on C fewest strengths D best adaptations
A leave the	e populati)	otation, then the organism is more likely to – C survive and reproduce D be outcompeted for food
reproduce A the carry	more offs	spring with the gene ity of the population	ability to survive, and this organism goes on to e, what will eventually increase? C the frequency of the gene in the population D the number of mutations in the organism
10. Write a	descripti	on of natural select	tion in your own words. Use complete sentences.



Beneficial alleles n	of beneficia	al alleles	in	a population.		
	nake organisms more lik	ely to	and			
19. Use your note	es from today to help fill					
18. Natural select A tissue	ion is the process that in B cell	creases the frequenc C population	62	eles in a –		
17. Longer necks the following? A reach more food B prevent water lo		ows giraffes to do wh uce acid reflux in sto fend themselves fron	mach			
16. Over many ger increased. This or longer necks in inc A reproduced, inc B died, removing C migrated, taking D were captured,	reated population ulation					
produce new vers	turally occur in organism sions of genes, or alleles, aly passed on to offspring B gamete	in a population. How	vever, mutations			
	gone through several pe hout each of these. This B water					
	mate can cause great cha ble to adapt to a new clir B extinct					
	ecome well adapted to the the entire population's sucing new alleles of increased rainfall	ese conditions. Whi	ch of the followin ght	and the state of t		
population has be greatest threat to	ation lives in a climate wh	nere rainfall is comm	on Overtime th			
set of environment A the presence of B an increase in an 12. A plant population has be greatest threat to	a climax community vailable habitats ation lives in a climate wh	C a reduction in hu D migration to a d	ıman activity in th ifferent climate			

