

BIOLOGY MIDTERM REVIEW SECRET MESSAGE DECODER

SURVIVING
in
secondary

Biology Review Secret Message Decoder

Instructions: Fill in the decoder key based on your answers to each question. Then, use the key to reveal the secret message!

Decoder Key		
1 =	2 =	3 =
4 =	5 =	6 =
7 =	8 =	9 =
10 =	11 =	12 =

Secret Message

How do you communicate with a fish?

2 11 4 1 8 11 7 5 12
3 10 5 9 6

used more than once! When you are done, use your decoder to reveal the secret message.

1. The type of cell division that produces haploid cells is called...	2. Which term describes structures that are still present in an organism despite having no function?	3. Which type of variable does a scientist have control over during an experiment?
Mitosis Meiosis Fission	Vestigial Mutant Abiotic	Independent Dependent Extraneous
Z D G	Y B C	A X K
4. Birds flying south for the winter is an example of this characteristic of life:	5. The process of converting DNA into a strand of mRNA is called...	6. Which organelle is the site of protein synthesis?
Use energy Made of cells Respond to stimuli	Replication Transcription Synthesis	Ribosome Nucleus Lysosome
R M U	N I O	E F J
7. Different forms of a gene are called...	8. What is the term for sections of a chromosome that code for a specific protein?	9. A change in a DNA sequence is called a...
Pairs Alleles Diploids	Gene DNA Chromatin	Genome Mutation Base
Q P H	R V D	W N A
10. Researchers are trying to figure out if caffeine affects an individual's	11. A well-supported explanation of the	12. What is the term for a group of tissues

Review Biology content with 12 multiple choice questions! Engage secondary students with a fun & unique secret message decoder worksheet.

WHY WILL YOU (AND YOUR STUDENTS) FALL IN LOVE WITH THIS RESOURCE?

- ✓ No-prep
- ✓ Engaging review format
- ✓ Covers key concepts
- ✓ Easy to grade

Answer key included!

Name: _____ Date: _____

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Instructions: Choose the correct answer for each question. Record the number/letter on the decoder page (ex. if the correct answer to #3 has the letter H below it, 3=H). Letters can be used more than once! When you are done, use your decoder to reveal the secret message!

1. The type of cell division that produces haploid cells is called...	2. Which term describes structures that are still present in an organism despite having no function?	3. Which type of control does a scientist use over an experiment?
Mitosis	Vestigial	Independent
Meiosis	Mutant	Dependent
Fission	Abiotic	
Z	Y	A
D	B	X
G	C	
4. Birds flying south for the winter is an example of this characteristic of life:	5. The process of converting DNA into a strand of mRNA is called...	6. Which organ is the site of protein synthesis?
Use energy	Replication	Ribosome
Made of cells	Transcription	Nucleus
Respond to stimuli	Synthesis	
R	N	E
M	I	F
U	O	
7. Different forms of a gene are called...	8. What is the term for sections of a chromosome that code for a specific protein?	9. A change in DNA sequence is called...
Pairs	Gene	Genome
Alleles	DNA	Mutation
Diploids	Chromatin	
Q	R	W
P	V	N
H	D	
10. Researchers are trying to figure out if caffeine affects an individual's running speed. What is the dependent variable?	11. A well-supported explanation of the natural world is a...	12. What is the term for a group of tissues working together to perform a specific function?
Caffeine	Theory	Organism
Type of shoe	Law	Organ system
Running speed	Hypothesis	
G	O	U
J	F	C
L	I	

Name: _____ Date: _____

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