

Show What You Know

Biology Unit Test Part 2



The “Show What You Know” portion of the test is a chance for you to demonstrate your knowledge & understanding of the concepts from this unit in a method of your choice. The following are some *ideas* – not the only methods.

YOU MAY NOT ANSWER IN WRITTEN PARAGRAPHS FOR THIS SECTION

Analogies	Illustration/Sketch
Compare & contrast (Venn diagram, chart...)	Comics/Cartoons
Mind map	Twitter posts
Flow Chart	How-To Instructions
Biography	Debate (pros/cons)

Word list: The following word list may be helpful in creating your answers.

Characteristics of Life	Cells	Cell Cycle & Mitosis	Specialized Cells	Tissues	Organ Systems
Homeostasis	Organelle	Interphase	Totipotent	Epithelial	Integumentary
Adaptation	Nucleus	S Phase	Pluripotent	Muscle	Lymphatic
Responsiveness	Diffusion	G ₁ Phase	Multipotent	Nervous	Circulatory
Growth	Osmosis	Metaphase	Differentiation	Connective	Respiratory
Reproduction	Ribosome	Prophase	Structure	Smooth	Muscular
Energy	Cytoplasm	Anaphase	Function	Cardiac	Skeletal
Organization	Cell membrane	Cytokinesis	Genes	Skeletal	Excretory
Cell	Endoplasmic reticulum	Spindle	Apoptosis		Digestive
Other	Cell wall	Chromosome	Necrosis		Nervous
Surface area	Vacuole	Chromatid	Stem cell		Endocrine
Volume	Mitochondria	Cancer	Structure		
Semi-permeable	Compartmentalization	Centriole	Function		
	Prokaryote				
	Eukaryote				

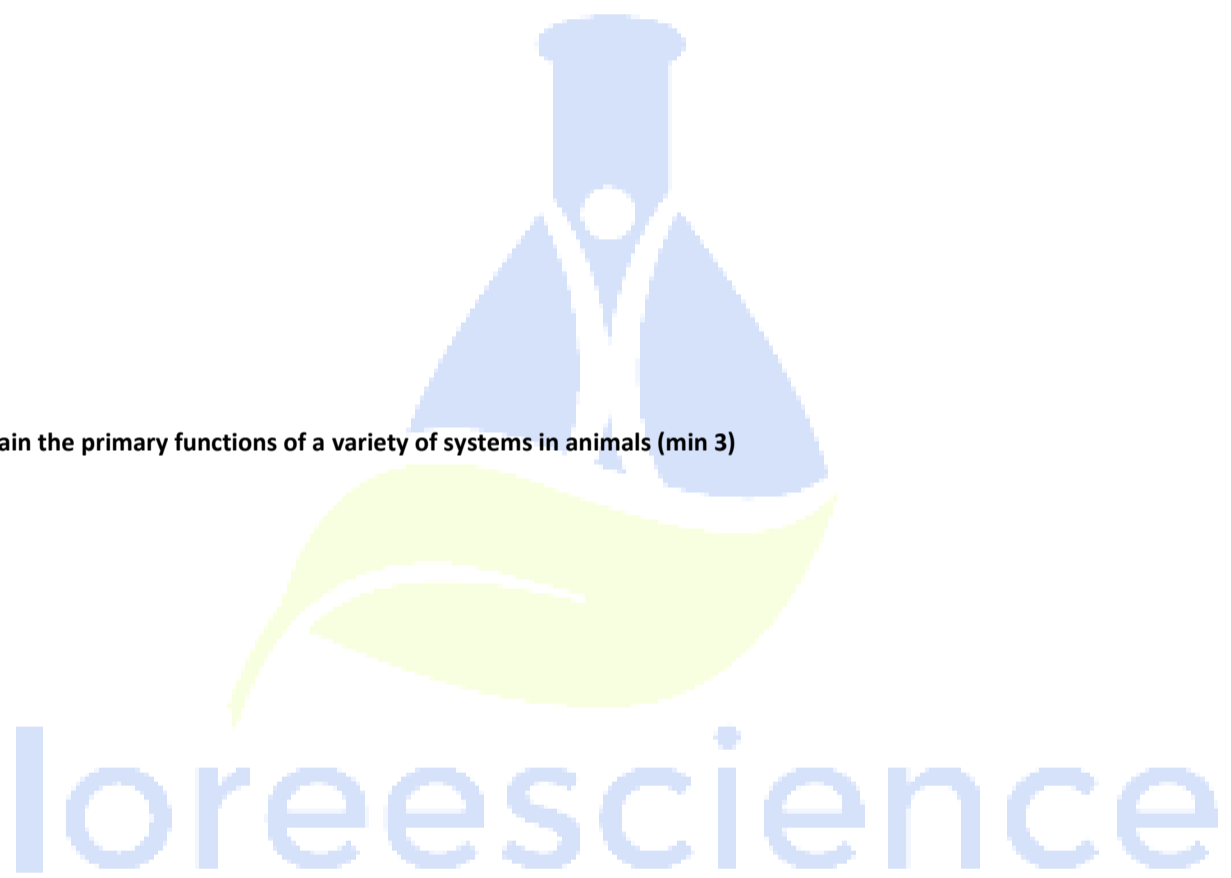
Use appropriate terminology related to cells, tissues, organs, and systems of living things _____	Demonstrates _____ connections between biological concepts pertaining to cells, tissues, organs, and systems of living with _____ detail.
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B3.1 Describe the cell cycle in plants and animals, and explain the importance of mitosis for the growth of cells and repair of tissues.

B3.2 Explain the importance of cell division and cell specialization in generating new tissues and organs (animals or plants)

B3.3 Explain the links between specialized cells, tissues, organs, and systems in plants and animals

B3.4 Explain the primary functions of a variety of systems in animals (min 3)



B3.5 Explain the interaction of different systems within an organism and why such interactions are necessary for the organism's survival

Show What You Know Rubric



Name: _____

Overall Expectations			
%	Use appropriate terminology related to cells, tissues, organs, and systems of living things _____	Demonstrates _____ connections between biological concepts pertaining to cells, tissues, organs, and systems of living with _____ detail.	
100	meticulously	exceptional	extraordinary phenomenal meticulous
95	remarkably	outstanding	extensive reflective remarkable
90	skillfully	excellent	comprehensive precise superior
85	proficiently	great	proficient super consistent
80	commendably	very Good	significant substantial effective
75	regularly	good	relevant appropriate considerable
70	usually	satisfactory	acceptable broad
65	occasionally	reasonable	essential fundamental
60	intermittently	fair	elemental mediocre
55	sporadically	poor	basic minimal unclear
50	rarely	very poor	limited minimal token

Comments: