

Biology 111 Lecture Quiz #3

Name _____

CIRCLE YOUR SECTION NUMBER	
MW 9397 11:55 AM	MW 0302 3:05 PM
MW 4641 4:40 PM	

Note: Lettered selections on the right side might be used more than one time (or not at all) as answers for questions or descriptions on the left.

- 1) [5pts] **Matching:** Select the best matching term/item for the descriptions on the left.

Letter	Descriptions	Letter	Term/Item
	Long polymers of these are what make up proteins	A	mRNA
	An organelle that serves as the location for protein synthesis	B	Rough Endoplasmic Reticulum
	This is a copy of a gene	C	Protein
	This is a molecule that carries information (for building proteins) out of the nucleus to where proteins are made	D	Amino Acids
	A molecule used for long-term storage of the information needed to make proteins. Genes are made of this	E	DNA

- 2) [5pts] **True or False:** Select either True (A) or False (B) for each statement or description below

Letter	Descriptions	Letter	
	There are 4 types of monomers that are used to make proteins	A	TRUE
	Bacteria are very simple eukaryotic cells	B	FALSE
	The Golgi complex is not an organelle		
	All cells come from pre-existing cells		
	There are two types of endoplasmic reticulum. One of these types makes lipids		

3) [5pts] Matching: Select the best matching term/item for the descriptions on the left.

Letter	Descriptions
	This is an organelle that is found in both eukaryotes and prokaryotes
	This is an organelle that transforms energy found in carbohydrates into a 'usable' energy form called ATP
	This is an organelle that contains the major portion of DNA in eukaryotic cells
	This is an organelle that is responsible for assembling or building proteins
	This is not an organelle, but is the cellular structure that helps guide transport vesicles to their destinations

Letter	Term/Item
A	Golgi Complex
B	Ribosome
C	Microtubules
D	Nucleus
E	Mitochondria

4) [5pts] Matching: Select the best matching term/item for the descriptions on the left.

Letter	Descriptions
	This type of cell includes both plant and animal cells
	This type of cell does not have a nucleus
	This type of cell has ribosomes
	This type of cell is considered to be living
	This type of cell has a rough endoplasmic reticulum

Letter	Term/Item
A	Eukaryotic Cells
B	Prokaryotic Cells
C	Eukaryotic and Prokaryotic Cells
D	None of the above