

Name _____

Date _____

Period _____

Semester 1 Quiz

1. During what stage of the cell cycle does DNA replication occur? _____
2. What phase of the cell cycle does the cytoplasm divide? _____
3. What gene sequence codes for the protein that stops mitotic division ? _____
4. What type of junction just touches the cell membranes? _____
5. What must be present for anaerobic respiration to produce ethanol? _____
6. What type of plants will close their stomata when it gets too hot during the day? _____
7. How efficient is glycolysis? _____
8. What is the main product of the Krebs cycle? _____
9. What stage of photosynthesis does O₂ come from? _____
10. What stage of cellular respiration is O₂ needed? _____

Confidence Chart	
For Question number 5 only!	
	I know this answer ... I got it! +/- 10 pts
	I kinda know this ... This might be right +/- 5 pts
	Yea RIGHT! I do not have a clue! +/- 0 pts

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Semester 1 Quiz

1. During what stage of the cell cycle does DNA replication occur? _____ S phase _____
2. What phase of the cell cycle does the cytoplasm divide? _____ Cytokinesis _____
3. What gene sequence codes for the protein that stops mitotic division ? _____ p53 _____
4. What type of junction just touches the cell membranes? _____ tight _____
5. What must be present for anaerobic respiration to produce ethanol? _____ yeast _____
6. What type of plants will close their stomata when it gets too hot during the day? _____ CAM _____
7. How efficient is glycolysis? _____ 3% _____
8. What is the main product of the Krebs cycle? _____ NADH & FADH₂ _____
9. What stage of photosynthesis does O₂ come from? _____ Photosystem I & II _____
10. What stage of cellular respiration is O₂ needed? _____ ETC _____
Electron phosphorylation

Confidence Chart For Question number 5 only!	
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	Yea RIGHT! I do not have a clue! +/- 0 pts