

Rules to Answer Accurate answer supported by evidence, and reasoning links answer and evidence. Response is specific and detailed. Presence of keywords and scientific terminology.	Rules to Answer Refer content if unable to recall after 15-30sec of trying, then again retrieve from memory without help.	Elaborate: Omnis cellula e cellula Who summarized this concept? What is its meaning?	Elaborate: Genome How prokaryotic genome differ from eukaryotic genomes? Number, length of DNA What is replication? How it's important?
Chromosomes Elaborate it. Why is it so named? Importance of packaging of DNA.	Chromatin Elaborate it. Function of associated proteins	Chromatin and Chromosome Contrast	Cell cycle Elaborate Defination Function
Somatic cell and Reproductive Cell Contrast	Sister Chromatids Elaborate Centromere Arm	A chicken has 78 chromosomes in its somatic cells. How many chromosomes did the chicken inherit from each parent? How many chromosomes are in each of the chicken's gametes?	Compare and contrast Mitosis Cytokinesis Cell Cycle Mitotic(M) phase
Shortest and Longest Phase of Cell Cycle	Interphase Elaborate Three phases Why G phase was misnamed as "gaps"?	S phase Elaborate	Five Stages of Mitosis
Mitotic Spindle	Centrosome	G2 of Interphase Draw and Elaborate	Prophase Draw and Elaborate
Prometaphase Draw and Elaborate	Metaphase Draw and Elaborate	Anaphase Draw and Elaborate	Telophase Draw and Elaborate
Cytokinesis Draw and Elaborate			