

Unit 6 – Cell Growth and Division Vocabulary and Key Questions

Use this document as a **starting point** for your review and study. It is **not** a study guide and should **not** be the only thing you rely on to be prepared for assessments.

- | | | |
|------------------------|---------------|---------------------|
| • cell division | • cell cycle | • cancer |
| • asexual reproduction | • interphase | • tumor |
| • sexual reproduction | • mitosis | • embryo |
| • chromosome | • cytokinesis | • differentiation |
| | • apoptosis | • stem cell (types) |

- ✓ What are some of the difficulties a cell faces as it increases in size?
- ✓ How do asexual and sexual reproduction compare?
- ✓ What is the role of chromosomes in cell division?
- ✓ What are the main events of the cell cycle?
- ✓ How do daughter cells split apart after mitosis?
- ✓ How is the cell cycle regulated?
- ✓ How do cancer cells differ from other cells?
- ✓ How do cells become specialized for different functions?
- ✓ What are stem cells?
- ✓ What are some possible benefits and issues associated with stem cell research?