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BIO 130 01

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Module 5: Application Questions

1. Growth, Maintenance, Reproduction
2. Determination is the process a cell goes through to select which genes it will express, committing itself to becoming a certain cell type. Differentiation is the process of cell specialization within a multi-cellular organism.
3. Malignant tumors are cell masses that fragment, spread, and invade other tissues, and Benign tumors are cell masses that do not fragment and spread.
4. Prophase I- Diploid
Metaphase I- Diploid
Anaphase I- Transition
Telophase I- Haploid
Prophase II- Haploid
Metaphase II- Haploid
Anaphase II- Haploid
Telophase II- Haploid