Honors Biology Final Exam Part 2

Study Guide

Short Answers

1. What are the stages of interphase? Describe each stage.
2. What are the stages of mitosis? Describe each stage.
3. What are the checkpoints in the cell cycle? Describe each.
4. What are the parts of the cell cycle?
5. What are the two types of stem cells? Describe each.
6. What is the difference between asexual and sexual reproduction? Describe the offspring.
7. What are the types of rocks? Define each.
8. What are the steps of fossilization?
9. What is the difference between artificial and natural selection?
10. What are the types of fossils? Describe each.
11. Describe the difference between Aristotles and Linnaeus classification system?
12. What are the four rules of writing a scientific name?
13. List and define the taxonomic categories.
14. What is the difference between Archaea and Eubacteria?
15. What is the difference between the lytic cycle and lysogenic cycle?
16. What are three mechanisms of pollination?
17. What are the two plant categories and subcategories?

Labeling

Cell cycle

Mitosis

Meiosis

Chromosome

Bacteria

Virus

Cross section of a leaf

Flower

Seed

Simple & Compound leaves