

**Study Guide - 7<sup>th</sup> Grade Science Final Exam (A/D)- 2010**

- 1. C2 – Living Things**
  - functions of cell's organelles, including plant organelles
  - microscopes
  - cell division
  - heterotroph vs. autotroph
  - producer vs. consumer
- 2. C4- Genetics**
  - alleles
  - punnett squares
  - genotypes
- 3. C7- Viruses, Protists, Bacteria, Fungi**
  - characteristics of viruses, bacteria, fungi protists
- 4. C8 –Plants**
  - parts of a seed plant S3
  - classification of plants
  - reproduction
  - importance of a seed S3
- 5. C22 – Ecosystems**
  - energy roles, S1
- 6. C23 –Living Resources**
  - Pollution, conservation – S1
- 7. C14 - Skeletal**
  - identify muscles, attachments
- 8. C16 -Cardiovascular system**
  - identify the components of blood
  - vessels
- 9. Body Systems**
  - organs
  - immunity