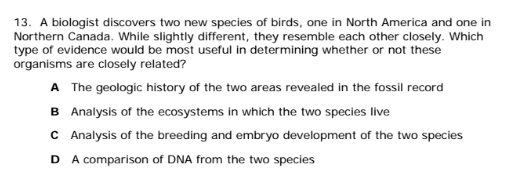
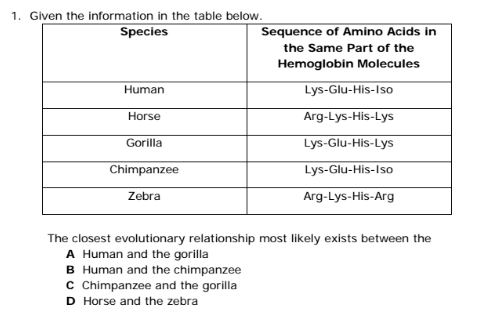
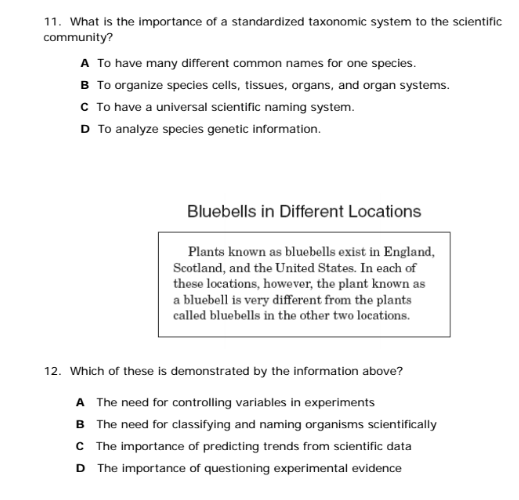
**SEMESTER 2 BIOLOGY TOPIC REVIEW SHEET 2016**

* Your final exam will consist of 70 multiple-choice questions (35 per day).
* All questions will come from the 4 exams we took in class this semester.
* Units covered this semester:
  + Genetics
  + Evolution
  + Taxonomy and classification
  + Plant and animal interactions and systems
* The test will focus on:
  + Inheritance of traits
    - Probability
    - Dominant vs recessive traits
    - Codominance, Incomplete dominance, multiple alleles
    - Sex-linked traits
    - Punnett squares (monohybrid and dihybrid) to predict genotypes and phenotypes
    - Test cross
    - Mutations
  + The process of evolution
    - Natural selection
    - Adaptation’s role in evolution
    - Genetic drift
    - Evidence for evolution
    - Adaptive radiation, coevolution, divergent and convergent evolution
  + Taxonomy and classification
    - Taxonomical hierarchy
    - Binomial nomenclature
    - Phylogenetic trees
  + Plant and animal body systems and interactions
    - Plant and animal reproduction
    - Effects of hormones on plants and animals
    - Organ systems in the body – how they function and maintain homeostasis
    - Plant adaptations (tropisms)

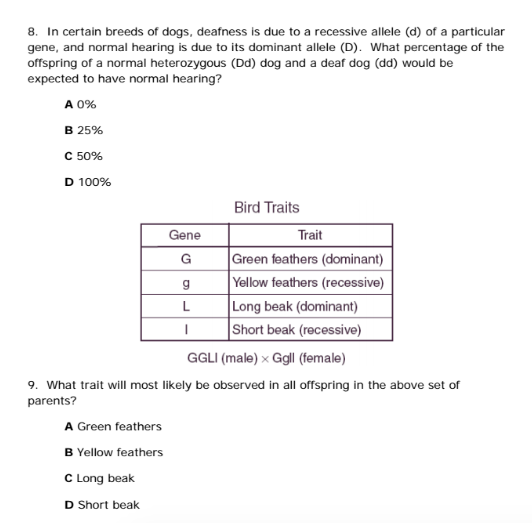
**SAMPLE QUESTIONS**

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