# Biology (H) Semester 2 Exam Study Guide 21-22

Ch. 6, 7, 9, 13, 14, 15, 34, 35, 36, 37

#### Extra Resources

- Biology Chapter 9 Questions
- Chapter 13-14 Bio Questions
- Chapter 15 Biology Questions
- Biology CH. 6 Questions

#### Vocabulary

- 1. Adaptive radiation (be able to identify examples, and why it would occur):
  - Adaptive radiation- the evolution of many diverse species from a single common ancestor
    - Occurs when an environment has many different habitats with their own evolutionary pressures
    - After a mass extinction, where they have to fill all the ecological niches
  - Ex. finches on the Galapagos Islands
    - A single species of finch reached the island first. Then, as the finches settled on each of the islands, they diverged from each other as they adapted to the distinct environments of each island
- Agonistic behavior (be able to identify examples):
  - Agonistic behavior- confrontational behavior that settles disputes over limited resources, such as food, mates, or territory, essentially tests of strength
    - Agonistic behavior uses ritualized contests instead of real combat because combat is energy-intensive and reduces fitness
      - Arm wrestling is cheaper than a gunfight
  - Ex. dogs growl to warn intruders off of its territory
- Analogy (be able to identify examples):
  - Analogy- similarity due to convergent evolution
  - Ex. Australian moles and North American moles look similar despite appearing on completely different continents. This occurred because their environments (or evolutionary pressures) are similar.
- 4. Artificial selection (be able to identify examples):
  - Artificial selection- evolutionary pressures are humans

# **Biology Semester 2 Study Guide Key**

**JA Banks** 

**Biology Semester 2 Study Guide Key:** 

# Decoding Biology Semester 2 Study Guide Key: Revealing the Captivating Potential of Verbal Expression

In a period characterized by interconnectedness and an insatiable thirst for knowledge, the captivating potential of verbal expression has emerged as a formidable force. Its power to evoke sentiments, stimulate introspection, and incite profound transformations is genuinely awe-inspiring. Within the pages of "**Biology Semester 2 Study Guide Key**," a mesmerizing literary creation penned with a celebrated wordsmith, readers attempt an enlightening odyssey, unraveling the intricate significance of language and its enduring effect on our lives. In this appraisal, we shall explore the book is central themes, evaluate its distinctive writing style, and gauge its pervasive influence on the hearts and minds of its readership.

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