

AP Biology Practice Exam

Section I: Multiple-Choice Questions

Complete one hundred multiple-choice questions in 80 minutes, worth 60 percent of the total score.

BIOLOGY

SECTION I

Time—80 minutes

100 Questions

Directions: Each of the questions or incomplete statements below is followed by five suggested answers or completions. Select the one that is best in each case.

1. During the evolutionary process, which of the following is the correct sequence of events?
 - A. Change in phenotype—change in genotype—speciation—selection
 - B. Speciation—change in genotype—selection—change in phenotype
 - C. Speciation—selection—change in phenotype—change in genotype
 - D. Change in genotype—change in phenotype—selection—speciation
 - E. Selection—speciation—change in phenotype—change in genotype
2. A lenticel is to a plant as a _____ is to an insect.
 - A. stoma
 - B. spiracle
 - C. trachea
 - D. mouth
 - E. siphon

2008 Ap Bio Exam Multiple Choice Answers

**University of Illinois at Urbana-
Champaign**

A red circular graphic with a gradient, appearing as a partial circle or a thick arc, located to the right of the University of Illinois at Urbana-Champaign text.

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readers to relevant websites and other online tools Due to the increasing size of the hardcopy publication the current edition has been divided into two volumes to make it easier to handle and consult Volume 1 Background Resources and Tools arranged in 5 parts begins with chapters on the science of toxicology its history and informatics framework in Part 1 Part 2 continues with chapters organized by more specific subject such as cancer clinical toxicology genetic toxicology etc The categorization of chapters by resource format for example journals and newsletters technical reports organizations constitutes Part 3 Part 4 further considers toxicology s presence via the Internet databases and software tools Among the miscellaneous topics in the concluding Part 5 are laws and regulations professional education grants and funding and patents Volume 2 The Global Arena offers contributed chapters focusing on the toxicology contributions of over 40 countries followed by a glossary of toxicological terms and an appendix of popular quotations related to the field The book offered in both print and electronic formats is carefully structured indexed and cross referenced to enable users to easily find answers to their questions or serendipitously locate useful knowledge they were not originally aware they needed Among the many timely topics receiving increased emphasis are disaster preparedness nanotechnology omics risk assessment societal implications such as ethics and the precautionary principle climate change and children s environmental health Introductory chapters provide a backdrop to the science of toxicology its history the origin and status of toxicoinformatics and starting points for identifying resources Offers an extensive array of chapters organized by subject each highlighting resources such as journals databases organizations and review articles Includes chapters with an emphasis on format such as government reports general interest publications blogs and audiovisuals Explores recent internet trends web based databases and software tools in a section on the online environment Concludes with a miscellany of special topics such as laws and regulations chemical hazard communication resources careers and professional education K 12 resources funding poison control centers and patents Paired with Volume Two which focuses on global resources this set offers the most comprehensive compendium of print digital and organizational resources in the toxicological sciences with over 120 chapters contributions by experts and leaders in the field

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