

## **2<sup>ND</sup> SEMESTER FINAL EXAM REVIEW GUIDE**

This sheet may be used as good review of terms and concepts, but it is not "all inclusive." Study class notes, textbook, textbook CD, Unit Packets, Unit Packet Objectives, labs and **this guide**.

### **UNIT 7B – HUMAN EVOLUTION** (9 Questions) Ch. 17 p. 368-378 and Ch. 13 p. 258-259

*(Recommendation: Read all of these pages!)*

Evolution of primates

Evolution of humans and human ancestors

Hominids: *Australopithecus*, *Homo habilis*, *Homo erectus*, *Homo sapiens*

Characteristics of primates

Bipedalism, opposable thumb, evolution of brain, hair, jaws, face, chin, parental care

Multiregional hypothesis vs. "Out of Africa" hypothesis

Hardy-Weinberg law – problems and definition (3 questions)

### **UNIT 8 – CLASSIFICATION & DIVERSITY** (20 Questions) Ch. 14, 15, 16, 17

3 Domain System – list & describe 3 domains

Classification system – 7 taxon system - KPCOFGS

How are organisms classified?

Kingdoms – characteristics of

Binomial nomenclature

Phylogenetic tree

Invertebrate body patterns – types of symmetry

Invertebrates – characteristics of **each phyla**

Invertebrates: body segments, appendages, jointed or non, # of body openings, # of legs

Vertebrates – characteristics of **each class**

Endothermic vs. ectothermic

Mammals – characteristics of

Vertebrate hearts – chambers

single vs. double loop circulation and lungs vs. gills

oviparous, viviparous, ovoviviparous

### **UNIT 9 – PLANTS** (33 questions) Ch. 16, 28, 29

Origin of plants

Characteristics of plant kingdom

Gymnosperms

Angiosperms

Monocot vs. Dicot

Growing seasons of plants – annuals, perennials, biennials

Flower - parts and functions

Double fertilization of flowers – steps of

Fruits – examples of, characteristics of, plant part

Seeds

Pollination

Leaf – parts of

Greenhouse Effect / global warming

Vascular system-xylem and phloem

Growth of a plant – stems and roots

Root – parts of, how growth occurs

# 2nd Semester Final Review Guide

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## 2nd Semester Final Review Guide:

**AP® Biology Crash Course, For the New 2020 Exam, Book + Online** Michael D'Alessio, 2020-02-04 REA the test prep AP teachers recommend **Manual of the Board of Public Instruction and Course of Study of the Public Schools of the City of Albany, N.Y. 1880** Albany (N.Y.). Board of Public Instruction, 1884 Resources in Education, 1994 *Proceedings of the Board of Public Instruction of the City of Albany*, 1885 *Instructor's guide for Medical terminology, a systems approach* Barbara A. Gyls, 1996-09 *Report of the First meeting of the WECAFC/OSPESCA/CRFM/CITES/CFMC working group on shark conservation and management, Bridgetown, Barbados, 17-19 October 2017* Food and Agriculture Organization of the United Nations, 2018-11-12 The First meeting of the WECAFC OSPESCA CRFM CITES CFMC Working Group on shark conservation and management was held in Barbados on 17 19 October 2017 The meeting was attended by 30 shark fisheries experts from 15 WECAFC member countries and partner agencies The meeting recognized the decline in various shark and ray stocks in the Caribbean region as well as the need to conserve the threatened species among them The meeting stressed the importance of harmonizing conservation and management measures with various international and regional conventions for the protection of these often migratory species as well as with measures by regional fisheries management bodies in the Atlantic The fisheries experts recommended amongst others that the countries in the region should prohibit the removal of shark fins at sea and require that all sharks be landed with their fins naturally attached through the point of first landing of the sharks The experts recommended the prohibition of targeted fisheries for iconic species such as whale sharks sawfishes and manta rays The experts worked on a regional shark stocks and fisheries status assessment and a Regional Plan of Action for the conservation and management of sharks and rays in the WECAFC area

**Activity Pack for Medical Terminology Systems** Barbara A. Gyls, 2005 Mathematics Tests Available in the United States Sheldon S. Myers, 1959 A Practical Guide for Nurse Practitioner Faculty Using Simulation in Competency-Based Education Pamela R. Jeffries, Pamela Slaven-Lee, 2024-01-09 Authored by expert simulation researchers educators nurse practitioner faculty and clinicians A Practical Guide for Nurse Practitioner Faculty Using Simulation in Competency Based Education looks at topics related to simulation design development and implementation for nurse practitioner and other graduate level nursing programs **Year Book and Announcements** Northern Michigan University, 1943 The Industrial School Journal, 1925 The 1982 Guide to the Evaluation of Educational Experiences in the Armed Services American Council on Education, 1982 **The 2004 Guide to the Evaluation of Educational Experiences in the Armed Services** American Council on Education Staff, 2004-10-27 **Technical Book Review Index**, 1969 **Statistics and Econometrics** Orley Ashenfelter, Phillip B. Levine, David J. Zimmerman, 2003 Every major econometric method is illustrated by a persuasive real life example applied to real data Explores subjects such as sample design which are critical to practical application econometrics Year Book of the American Baptist Convention American Baptist Convention, 1968 Vols for 1950

72 include annual reports of the American Baptist Home Mission Society and the Woman s American Baptist Home Mission Society issued together of the Board of Education and Publication and of the Ministers and Missionaries Benefit Board and Along kingdom highways 1950 68 69 reports of the American Baptist Foreign Mission Society and the Woman s American Baptist Foreign Mission Society 1969 70 72 reports of the American Baptist Foreign Mission Society consolidated with the Woman s American Baptist Foreign Mission Society for 1950 61 the annual report of the American Baptist Historical Society

**The National Guide to Educational Credit for Training Programs** American Council on Education,2005 Highlights over 6 000 educational programs offered by business labor unions schools training suppliers professional and voluntary associations and government agencies      **Professional Safety** ,1997      **Data Book of Social Studies Materials and Resources** ,1989      Mathematical Reviews ,2008

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