

HUMAN EVOLUTION

ANTH 18830

FALL, 2022

EXAM 3 STUDY GUIDE

Chapter 8: FOSSILS AND THEIR PLACE IN TIME AND NATURE

- What is taphonomy?
- Know the different kinds of fossil dating
 - Relative dating
 - Steno's Law of Superposition
 - Absolute dating
- Three ways to reconstruct the paleo-environment
- Be familiar with the geological timeline in the Cenozoic era
 - What happened in each epoch?

Chapter 9: PRIMATE ORIGINS AND EVOLUTION: THE FIRST 60 MILLION YEARS

- What happened in the Oligocene? The Miocene?
 - Notable species during these epochs
- Ancestral species to groups of primates
 - Plesiadapiformes vs Euprimates
 - Adapid vs omomyid
- When did the splits occur? (just need to know the epochs)
- What is the rafting hypothesis?
- Be familiar with other species that predate hominids and their geographic regions
 - Proconsul, sivapithecus, etc.

Chapter 10: EARLY HOMININ ORIGINS AND EVOLUTION: THE ROOTS OF HUMANITY

- What is a hominin?
- What are the 7 traits of bipedality?
 - What muscles are involved in balance?
- Dental and Chewing changes
 - Nonhoning canine complex
- Lovejoy's model of the origin of bipedality (male provisioning model)
 - What social structure was involved?
 - What species first shows this?
 - The dental structure associated with inter-male aggression
- The four "Pre-Australopithecines"
 - Who was the first one?
- Gracile vs robust australopithecines
 - Where/when were they?
 - What are the characteristics?
 - Know that their diet influenced these

Study Guide Human Evolution

**William K. Purves, Edward
Dzialowski, Lindsay Goodloe, Betty
McGuire, Nancy Guild, Paula Mabee**

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empowered with the inclusion of 2020 Stage I questions of the different states The book is based on the syllabus of Class 8 9 10 as prescribed by NCERT There are 27 chapters in the Mental Ability Section MAT The Scholastic Aptitude section SAT has been divided into 8 parts Physics Chemistry Biology Mathematics History Geography Civics and Economics The book provides past questions of last 10 years of NTSE Stage 1 2012 2020 Stage 2 2012 2019 JSTSE papers divided chapter wise The book provides sufficient pointwise theory solved examples followed by Fully Solved exercises in 2 levels State UT level National level Maps Diagrams and Tables to stimulate the thinking ability of the student The book covers new variety of questions Passage Based Assertion Reason Matching Definition based Statement based Feature Based Diagram Based and Integer Answer Questions

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Exploring Psychology, Sixth Edition, in Modules Study Guide Richard O. Straub, 2004-12-06 For every major content section longtime author Richard Straub has divided each module by major topic each section includes a Preview objectives that require short answers and Stepping Through the Section which include detailed fill in the blank questions The Study Guide also includes self tests critical thinking exercises vocabulary and language activities Internet activities and crossword puzzles

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