

**ANT-309 Elements of Archaeology Review Sheet for Final Examination
Wednesday March 17, 2010**

Basic Concepts

Culture History

Component.

Horizontal stratigraphy

Phase

Archaeological culture

Complex

Pattern

Tradition

Horizon (Bead Horizons in California)

Faunal Remains

Floral Remains

Climate

Paleoclimate

Pollen (palynology)

Plant macro-fossils in peat

Pack rat nests

Oxygen isotope analysis

Environmental reconstruction from archaeological data

Plant Macrofossils

Macrobotanical remains (from text)

Tree rings and climate (from text)

Diatom analysis (from text)

Paleoethnobotany (from text)

Coprolites

Flotation

Taphonomy

Reference collections

NISP

MNI

Unbiased Utility Strategy

Bulk Utility Strategy

Gourmet Utility Strategy

Butchering strategies

Aging and sexing animal remains (from text)

Types of Human Remains

Intentional Mummies: Egypt

Freeze Dried (The Ice Man)

Cremations

Burials

Skeletal orientation

Ventral or dorsal

Flexed or extended

Primary vs secondary interment
Aging skeletal remains
Forensics
Sexing skeletal remains
Epiphyses fusion
Stature
Paleopathologies
Harris lines
Dental hypoplasia
Inter-personal violence
Reconstructing Diet from stable isotopes
C12 versus C13
Mitochondrial DNA
Historical linguistics
Y Chromosome
Haplogroups
Open rocky coast
Mussels
Abalone
Limpets
Estuarine Coast
Washington clams
Open sandy coast
Pismo clams
Cultural Resources Management (CRM)
NAGPRA
Cultural resource
CRM
Vernacular architecture
Polite or academic architecture
National Historic Preservation Act
National Environmental Protection Act
National Register of Historic Places (NRHP)
Eligibility for NRHP
Section 106
Advisory Council on Historic Preservation
Area of Potential Effect (APE)
State Office of Historic Preservation (SHPO)
Phases of Compliance (I, II, III)
California Environmental Quality Act
Archaeological Resources Protection Act

Principles, theories, and paradigms

Paradigm
Middle Level Theory
Ethnoarchaeology

Experimental archaeology
High Level Theory
Deduction
Induction
Etic perspective
Emic perspective
Unilinear social evolution
Psychic unity
Historical Particularism
Seriation
Diffusion
Migration
Hyper diffusion
Transoceanic diffusion
Cultural ecology
Cultural Historical Paradigm
New archaeology
Post processualism (post modern archaeology)
Postmodernism
Systems theory
The Scientific method
Pluralism
Cultural materialism
Stratigraphy
Stratigraphic excavation
Archaeological cultures
Feminism
Marxism
Human behavioral ecology
Optimal foraging
Diet breadth
Patch choice
The show-off hypothesis (costly signaling)
The “melting pot” model of American history
Archaeology as handmaiden to history

Examples

Agta foragers
The last Neanderthals (from text)
Bushmen ethnoarchaeology (from text)
Ethno history and Mayan sacrifices (from text)
Reconstructing paleoenvironment from archaeological remains (field trip)
Pollen at Elkhorn Slough (Monterey Bay)
Maize in the Tehuacan Valley
Santa Barbara Channel (head bonking)
California study by Henry McHenry (Harris lines)

Ishi's Brain
Kennewick Man (including discussion in Reader)
Polynesian contact with the New World
Pigs for the Ancestors-Kaiko rituals Roy Rappaport
Diet and Gender: Kristen Hawkes: Costly signaling
Hildebrandt and McGuire (Costly signaling in California)
Excavating L.A.'s brothels
Taphonomy (from text- C. K. Brain and Lewis Binford)
Tell Abu Hureyra and the origin of farming (from text)
The Arizona Garbage project (from reader)
The Donner Party (from reader)

Individuals

V Gordon Childe
David Fredrickson
Sir Elliot Smith
E. B. Tylor
L. H. Morgan
E. G. Squire and E. H. Davis
Cyrus Thomas
Franz Boas
Lewis Binford
Julian Steward
Marvin Harris
V. Gordon Childe
James Deetz
Jim Chatters
Nels Nelson
Max Uhle
William Rathje
Roy Rappaport
Kristen Hawkes
Hildebrandt and McGuire
James O'Connell
McArthur and Pianka
John Beaton
Martin Hall
James Deetz
Robert Schuyler
James Hall
Miles Standish
Father Felix Martin
Stanley South

Sites

Sainte Marie Huron site

Miles Standish homestead
Plymoth Plantation
Colonial Williamsburg
Mormon Fort
Spanish Presidio at San Diego
Jamestown

Essay Question:

You will be asked to answer the following question:

1. Contrast the "New" archaeology with post processual archaeology. Describe the theories within each paradigm, the main foci of each and their methods. Explain how the latter is a critique of the former. Make sure that you refer to the appropriate reading from your reader as an example of one of these approaches.