

ANP364: Fake Archaeology

MIDTERM EXAM

October 28, 2021

NAME: _____ PID: _____

- Be absolutely sure to put your name and PID on the exam sheet (above)
 - For short answer questions, write your answers in the space provided (on this exam sheet) - If you need extra space, use the back of the sheet
 - Be sure to fill in your name, PID, the class number, class section (001), and signature on the bubble sheet
 - For multiple choice, select the best answer from those provided
 - You may not leave the class until you have completed and turned in your exam
 - All multiple choice/fill in blank/true or false are worth 1 point.
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1. Which of the following is a goal of archaeology?

- A) Develop Chronologies
- B) Reconstruct past lifeways
- C) Examine cultural process
- D) All of the above

2. Archaeologists are more interested in artifacts than context

- A) True
- B) False

3. Material culture is defined as the physical manifestation of human cultural activity

- A) True
- B) False

4. Epistemology is the study of knowledge

- A) True
- B) False

5. The spread of ideas from one culture to another is called what?
- A) Twitter
 - B) Diffusion
 - C) Gossip
 - D) Migration
6. Bishop Charles Henry Watson asserted that the world was created in 4004 BC
- A) True
 - B) False
7. The Newark Holy Stones were carved with which language?
- A) Old Norse
 - B) Hebrew
 - C) Welsh
 - D) Cherokee
8. In 1882, who was hired to direct the Division of Mound Exploration within the Bureau of American Ethnology?
- A) William F. Albright
 - B) Churchill Babington
 - C) Charles Ernest Beule
 - D) None of the above
9. Who believed that Atlantis had been an advanced civilization that had possessed technology such as laser beams, aircraft, and radios?
- A) William Piazza Smyth
 - B) Edgar Cayce
 - C) Erich von Daniken
 - D) Robert Bauval
10. *Atlantis: The Antediluvian World* was written by who?
- A) Edgar Cayce
 - B) William Piazza Smyth
 - C) Ignatius Donnelly
 - D) Erich von Daniken

11. Which of the following motivates pseudoarchaeological claims?

- A) Romanticizing the past
- B) Nationalism
- C) Religion
- D) all of the above

12. Deductive reasoning involves predicting observed phenomena based on a generality

- A) True
- B) False

13. In science, a theory is a testable explanation for an observed phenomena

- A) True
- B) False

14. What was the name of the ship upon which Charles Darwin traveled to the Galapago Islands?

- A) H.M.S. Finch
- B) H.M.S. Beagle
- C) H.M.S. Endeavor
- D) H.M.S. Excelsior

15. Charles Lyell developed which of the following Geological concepts?

- A) Superpositioning
- B) Biostratigraphy
- C) Stratigraphy
- D) None of the above

16. The “discovery” of the Piltdown Man supposedly supported which of the following popular theories about human evolution

- A) Brain Centered Theory
- B) Punctuated Equilibrium
- C) Multiregional Evolution
- D) Pleistocene Encephalization

17. In 1943, which of the following scholars argued that the Piltdown Man was the combination of a modern human crania with an orangutan jaw and teeth.

- A) Samuel Darjes
- B) Gerrit S. Miller
- C) David Waterston
- D) Franz Weindenreich

18. Which of the following 16th century Spanish historians believed that Native Americans were a remnant population from the lost continent of Atlantis?

- A) Francisco Lopez de Gomara
- B) Antonio Galvano
- C) Vasco de Gama
- D) Estrela Héspero

19. Which of the following authors was responsible for the “American Genesis” - the idea that modern humans evolved in North American (specifically California) about 500,000 years ago. ?

- A) Mel Odum
- B) Barry Fell
- C) Jeffrey Goodman
- D) Claire O'Connor

20. The legend of St. Brenden's pre-columbian discovery of North America was most likely inspired by the activities of which early Christian monastic tradition?

- A) Anchorites
- B) Augustinians
- C) Carthusians
- D) Vallombrosans

21. Prince Madoc was a pseudo-historical Welsh prince who supposedly emigrated to South America in 1170 AD

- A) True
- B) False

22. Which of the following is an ancient British and Irish alphabet, consisting of twenty characters formed by parallel strokes on either side of or across a continuous line.

- A) Ugaritic
- B) Cuneiform
- C) Ogham
- D) Linear A

23. Which of the following was an artifact that supposedly proved that Vikings had explored North America before the arrival of Christopher Columbus?

- A) Newark Holy Stones
- B) Bat Creek Inscription
- C) Davenport Tablets
- D) None of the above

24. What is the primary source of evidence that Barry Fell uses to argue that North America had been explored & colonized repeatedly by Libyans, Iberians, Celts, Greeks, Hebrews, and Egyptians (among many others) well before Christopher Columbus?

- A) Linguistic evidence
- B) Architectural evidence
- C) Inscriptions
- D) None of the above

25. Which archaeological site is definitive evidence for the presence of Vikings in North America before the arrival of Christopher Columbus?

- A) Spiro Mounds
- B) The Cambria Site
- C) Morton Village
- D) L'Anse Aux Meadows

26. The Bat Creek Tablet was supposedly inscribed with which language? .

- A) Paleo-Hebrew
- B) Old Norse
- C) Middle Egyptian
- D) Quechua

27. Archaeologists have found evidence of metalworking at which Mississippian site?

- A) Aztalan
- B) Spiro Mounds
- C) Moundville
- D) Bedford Village

28. Who were the two archaeologists responsible for writing *Ancient Monuments of the Mississippi Valley* (1848)

- A) Sylvanus Griswold Morley & Alice Le Plongeon
- B) Edwin Davis & Ephraim Squier
- C) Flinders Petrie & Glenn A. Black
- D) J.E. Quibell & F.W. Green

29. The Decalogue Stone is named for the fact that it is inscribed with the Ten Commandments in an ancient-looking form of Hebrew.

- A) True
- B) False

30. The _____ is a convoluted codified belief that argues Earth has been visited/controlled/occupied by many different alien species (such as the Galactic Confederacy, the Xenu, and the Marcab Confederacy) through time.

- A) The Space Opera Doctrine
- B) The Tenets of the Great Old Ones
- C) The Theosophical Cycle
- D) The Book of Dyzan

31. The site of Tassili n'Ajjer was discovered by which French explorer?

- A) Henri Lhote
- B) Paul Du Chailu
- C) Alfred Duvaucel
- D) Antoine Bruni d'Entrecasteaux

32. Who was referred to as the Sleeping Prophet?

- A) Robert Bauval
- B) Erich von Daniken
- C) Zacharia Sitchen
- D) Edgar Cayce

33. Which of the following two people are the authors of the Orion Correlation “Theory”

- A) Jon West and Robert Schoch
- B) Robert Bauval and Graham Hancock
- C) Erick von Daniken and Edgar Cayce
- D) Taylor Darjes and Jennifer Darjes

34. Robert Temple’s *The Sirius Mystery* argues that the Bamanankan people of Mali, west Africa, preserve a tradition of contact with intelligent extraterrestrial beings from the Sirius star-system

- A) True
- B) False

35. _____ is the psychological phenomena in which stimulus (either visual or auditory) is processed by the brain and perceived as recognizable patterns where none exists.

- A) Apophenia
- B) Hierophany
- C) Pareidolia
- D) None of the above

36. Which of the following believed that the monolith at Baalbek was a launch pad for ancient spaceships?

- A) Robert Temple
- B) Matest Agrest
- C) Immanuel Velikovsky
- D) Charles Hapgood

37. _____ is a country to the east of China described by Buddhist monk Hui Shen in 5th century A.D.?
- A) Chéngdū Píngyuán
 - B) Fusang
 - C) Xiānrén Dòng
 - D) Tǎimù Péndì
38. Which of the following artifacts does Eric von Daniken argue is the depiction of an astronaut complete with antennae and an oxygen mask, peering through a telescope and manipulating the controls of a rocket.
- A) Votive relief of the winged priest of Dudu
 - B) The Sarcophagus lid of Pacal the Great
 - C) Wondjina rock art in Kimberley, Australia
 - D) Shakōki-dogū Jomon Figurine
39. _____ believed that aliens visited earth 450,000 years ago and genetically engineered Homo Sapiens as slaves to work their gold mines by crossing extraterrestrial genes with those of Homo Erectus?
- A) Zacharia Sitchin
 - B) Matest Agrest
 - C) Immanuel Velikovsky
 - D) Erich von Daniken
40. The Antikythera Mechanism is an analog computing device designed to predict astronomical positions and eclipses
- A) True
 - B) False
41. Jabbaren (The Great Martian God), a supposed depiction of an alien, is found at what famous petroglyph site?
- A) Tassili n'Ajjer
 - B) Cave of Swimmers
 - C) Tadrart Acacus
 - D) Tibesti Caves

42. Which of the following “ancient astronaut theorists” believed that destruction of the Biblical Sodom and Gomorrah was caused by a nuclear blast of alien origin?

- A) Matest M. Agerat
- B) Charles Hapgood
- C) Immanuel Velikovsky
- D) L. Ron Hubbard

43. Briefly list and describe the two ways in which we collect information (4 points)

Directly through personal observation - people tend to think that obtaining firsthand information (what they observe themselves) is always the best way - unfortunately, most people are poor observers

Indirectly through secondary sources - Even more problematic - must rely on the quality of someone else's observations. How did they obtain the information in the first place. What are their motives for providing the information? Do they have an agenda?

44. Briefly list and describe 2 of the 4 fundamental assumptions of science (4 points)

Two of the following:

There is a real universe which is knowable

The universe operates according to understandable rules

The universe's laws are immutable

The rules can be discerned, studied, and understood through a process of observation, research, and experimentation

45. Briefly define and describe Hyperdiffusion (3 points)

The notion that all major cultural innovations and societies derive from one (usually lost) ancient state, nation, civilization, etc.

46. Briefly list and describe 2 of the 3 themes found in the writings of Erich von Daniken (4 points)

2 of the following 3

Inkblot - All over the world there are prehistoric pictorial and three dimensional representations - drawings on cave walls, pottery, and sculptures - as well as early written accounts that can be most reasonably interpreted as the drawings, sculptures, or literary descriptions by primitive peoples of actual extraterrestrial visitors to earth.

Amorous Astronaut - The biological evolution of the human species cannot be understood unless we assume the involvement of a scientifically advanced extraterrestrial civilization.

Our Ancestors, the Idiots - Some ancient artifacts and inventions are far too advanced and complex to have resulted from simple, prehistoric human intelligence and ingenuity. These advanced artifacts and great inventions must instead be the direct result of purposeful introduction by extraterrestrial aliens.

47. Briefly list and describe 2 of the 3 motivations for the Piltdown man hoax. (4 points)

2 of the following 3

Nationalism - The Piltdown finds put England “on the map” in terms of human evolution and paleoanthropology

Scientific Ideology - Supported the “brain centered” paradigm that most scientists believed in

Fame - Discovery brought a great deal of notoriety to Dawson and Woodward

48. List and describe the 3 of the 5 arguments that were commonly used to prove that indigenous North Americans had not built the mounds found along the Mississippi river and its tributaries (9 points)

3 of the following 5:

First Nations peoples were too primitive to have built the mounds and produced the beautiful stone, metal, and ceramic artifacts attributed to the moundbuilders.

The mounds and associated artifacts were much more ancient than even the earliest remnants of First Nations culture

Stone tablets had been found in the mounds that bore supposed inscriptions in European, Asian, or African alphabets

First Nations peoples were not building mounds when first contacted by European explorers and settlers. When asked who made the mounds, they professed complete ignorance

Metal artifacts made of iron, silver, ore-derived copper, and various alloys had been found in the mounds

49. **(BONUS)** List and describe **three** of the six mechanisms that should be used to assess a pseudoarchaeological claim. (9 points)

3 of the following 6:

Where is the particular claim or discovery presented? Is it an article in a peer reviewed scholarly journal where other members of the field have the opportunity to assess the validity of the claim? A widely respected magazine with science advisors on staff? Or is it found on an anonymous website with no attributable source?

Who is making the claim? a trained scientist. More importantly, is it a scientist or researcher trained in archaeology, anthropology, or a closely related field? Remember, a scientist skilled in an unrelated field may be just as incapable as a non-scientist to comment on an archaeological discovery or interpretation.

How does the person announcing the discovery, making the claim, or interpreting the results of the study “know?” Do they follow standard models of scientific thinking? Or does the claimant assert that their knowledge is the result of revelation or intuition, and that no proof is needed. Do they argue that the claim is “obvious?”

Are other experts consulted, and how do they respond to the claims being made? Are other scientists convinced? Are other scientists unsure, skeptical, but intrigued?

Are confirming data presented? Are the fantastical artifacts presented unique, one of a kind objects, or are archaeologists able to confirm the validity of these by finding additional examples?

Is enough information presented for you to make an informed decision concerning the validity of what is being asserted? Or, instead, are you left with important questions that the report does not address?