

ANTHROPOLOGY 222

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Fall Term (99F)
University of Delaware

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Mid-Term Exam
(First Test)

This examination consists of fifty (50) true/false and multiple-guess questions. Each question is worth two (2) points for a total of one hundred (100) points. In those cases where more than one option could be construed as being correct, please select the most correct response.

- 01.) The current dating for the first archaeological evidence for permanent proto-human technology dates to:
- a.) 4.5 million years ago
 - b.) 2.5 million years ago
 - c.) 1.7 million years ago
 - d.) 300,000 years ago
 - e.) 40,000 years ago
- 02.) The name of the famous "shadow play" illustrated in the film *Three Worlds of Bali* was the:
- a.) *Dalat*
 - b.) *Hegira*
 - c.) *Curupir*
 - d.) *Wayang*
 - e.) *Rudra*
- 03.) The "hydraulic theory," deriving political centralization from the control over large-scale irrigation, has been proposed by:
- a.) Oscar Lewis
 - b.) Wolfram Eberhard
 - c.) Karl Wittfogel
 - d.) Frederick Engels
 - e.) Clifford Geertz
- 04.) "Lucy", an *Australopithecus afarensis* female of 3.6 million years ago, was a more efficient bipedal locomotor than are modern female *Homo sapiens*:
- a.) True
 - b.) False
- 05.) The persuasion of the rice farmers by modern agronomists to abandon the traditional Water Temple governance of the *sawahs* of Bali produced:
- a.) greater harvests
 - b.) quarrels over water
 - c.) an explosion of pests
 - d.) a lesser dependency on chemical fertilizers
 - e.) both "b" and "c" are correct
- 06.) The public rites conducted by Balinese farmers at the temples associated with their weirs are:
- a.) ceremonies
 - b.) rituals
 - c.) festivals
 - d.) sacraments
 - e.) ablutions
- 07.) The wheelbarrow was invented in China.
- a.) True
 - b.) False

- 08.) A key concept of the ancient Greeks that still influences the development of Western technology, such as the mechanization of the modern American farm is:
- Thanatos*
 - Eros*
 - Erga*
 - Autarkeia*
 - Demos*
- 09.) The term used to apply to the care of an artifact once it has been produced, an energy "cost" not applicable to much of pre-industrial material culture, is:
- repair
 - replacement
 - lateral cycling
 - recycling
 - curation
- 10.) One's biological sex is the same as one's gender.
- True
 - False
- 11.) The major inducement for the Dutch to conquer the island of Bali was the obtain the monopoly on:
- Opium
 - Rice
 - Betel Nut
 - Diamonds
 - Slaves
- 12.) The "Ages of Materials" ended in:
- 1918, the end of WWI, the beginning of the "modern age"
 - 1945, the end of WWII, the period of American political and economic ascendancy
 - 1949, the invention of C-14 dating, after which no materials can be dated due to atmospheric pollution
 - 1950, the change from an "industrial" to a "service" economy
 - 1960, the first major appearance of plastics, the material of the post-modern world
- 13.) An example of a "machine-tool" is a(n):
- hammer
 - reciprocating saw
 - industrial welding robot
 - lathe
 - laser
- 14.) The three functions of "rites" in technology are:
- performative, archival and sociogenic
 - emulative, reproductive and ethnocentric
 - analogic, imitative and innovative
 - socio-centric, redundant and processual
 - inventive, recursive and ethnogenic
- 15.) Men's tasks in preindustrial tool-using societies would involve:
- short-radius trips from the home base
 - infrequent departures from the home base to engage in the food quest
 - "constructive" activities whereby one "builds up" an artifact out of soft and pliable raw materials
 - frequent departures from the home base for subsistence purposes
 - low intensity expenditures of energy, but spread over long periods of time resulting in heavy exertion
- 16.) Chimpanzees have culinary and technical proto-cultures.
- True

- b.) False
- 17.) The anthropologist Pertti Peltto authored the concept of:
- the World System
 - Living National Treasures
 - Delocalization
 - Cargo Cults
 - Institutional Completeness
- 18.) Because of the complex nature of much of our modern machine technology the average citizen may be characterized as having a _____ mentality which directly fosters a "throw-away" material culture.
- "esoteric"
 - "black box"
 - "security"
 - "consumer"
 - "disposal"
- 19.) The earliest technology (even before manufactured stone tools) was probably used for:
- termite fishing
 - nut processing
 - shellfish opening
 - threat displays
 - cooperative hunting and food sharing
- 20.) The Western "apical choice" of Aristotle over Plato has yielded an idealistic, non-material worldview, "ideal" for the production of technology.
- True
 - False
- 21.) From the perspective of the evolution of technology it is significant that we are omnivores because:
- herbivores have all the fun
 - meat is a compact source of Vitamin A, essential for brain development
 - herbivores tend to engage in more play than carnivores
 - food-sharing is not required for an omnivorous diet, although it is for a carnivorous one
 - both "b" and "d" are correct
- 22.) In the film *The Three Worlds of Bali* the result of a successful *Eka Desa Rudra* ceremony would be the:
- destruction of the worlds by unleashing the forces of decay represented by the *Rudras*
 - joining of the three worlds into one
 - the creation of a new world of harmony and peace
 - the liberation from the cycle of rebirth (reincarnation)
 - the transmuting of death and decay into growth and life
- 23.) The example of fishing magic from the coral atolls of the **Trobriand Islands** illustrates how:
- magic functions like supernatural technology in areas where individuals have no physical control over outcomes, or not enough to prevent primary anxiety
 - all magic involves the belief in spirits
 - magic is less prevalent in low-energy, tool-using societies than in energy-intensive (machine-based) ones
 - non-literate peoples tend to think symbolically, with little dependence on notions of cause-and-effect
 - without sonar, radar, a satellite down-link to your GPS, and watertight bulkheads you haven't a prayer
- 24.) Which of the following is not an essential characteristic of the "sexual division of labor"?
- segregation of tasks
 - complementarity of tasks
 - segregation of tools
 - alternation of gendered tasks

- e.) segregation of machines
- 25.) An Oldowan pebble tool is a somatic aid.
- a.) True
 - b.) False
- 26.) The Western view of cumulative, "linear" time lends itself to a vision of technological progress and synchronicity.
- a.) True
 - b.) False
- 27.) The film *Three Worlds of Bali* showed the lavish production of _____ art in the offerings for the demons, a characteristic of much traditional art.
- a.) prestige
 - b.) performance
 - c.) miniature
 - d.) utilitarian
 - e.) ephemeral
- 28.) The traditional Balinese kingdom of Klungklung was a classic example of an "Oriental Despotism".
- a.) True
 - b.) False
- 29.) A key concept introduced by Lemmonier for the whole process of making an artifact, all the decisions that go into its manufacture, is called a(n):
- a.) schematic
 - b.) prototype
 - c.) operational chain
 - d.) apical choice
 - e.) ~~none~~ of the above are correct
- 30.) If, one day, as I am stumbling across the high plains of the Pre-Columbian North American continent, I see a cliff, but have the insight to regard it as a dead-fall trap for bison, I am engaged in:
- a.) typology
 - b.) disassociation
 - c.) analogy
 - d.) hindsight
 - e.) changing the placement of an ecofact
- 31.) Human beings, as is now well known, evolved in Africa as West African jungle-adapted life forms, a fact that was to have momentous consequences in the development of human technology.
- a.) True
 - b.) False
- 32.) The philosopher who asserted that we, as a genus and a species, would far more accurately have designated ourselves as *Homo ludens* than as *Homo sapiens* was:
- a.) Johann Huizinga
 - b.) Claude Lévi-Strauss
 - c.) Bronislaw Malinowski
 - d.) Karl Marx
 - e.) Johann Bachofen
- 33.) The religion practiced in Bali, and which you saw enacted in ceremony in the film *The Three Worlds of Bali*, is a major world religion. It is called:
- a.) Hinduism
 - b.) Islam
 - c.) Christianity
 - d.) Zoroasterianism
 - e.) Buddhism
- 34.) The green revolution was very successful in most parts of Bali.

- a.) True b.) False
- 35.) The first proto-human to cross the "mental rubicon" and attain brain size and complexity sufficient to recognize the differences between crystalline and crypto-crystalline rocks as raw materials for stone tool technology was:
- Homo erectus*
 - Ardipithecus ramidus*
 - Australopithecus africanus*
 - Paranthropus boisei*
 - Homo habilis*
- 36.) The agronomist who is associated with the concept of "agricultural (labor) intensification" in the evolution of subsistence technology is _____.
- Maquet
 - Boas
 - Homans
 - Radcliffe-Brown
 - Boserup
- 37.) It is a general law in technology that the better you know the environment in which you the simpler your technology can be.
- True
 - False
- 38.) According to the anthropologist Miller, "galumphing", that most erudite of technical terms, describes what aspect of a definition of play?
- the imposition of intentional obstacles between the actor and the goal
 - the shift from goal-orientation to process-of-attaining-goal orientation
 - the intentional expenditure of extravagant amounts of energy in an action, ie., inefficient action
 - search behaviour
 - the random initiation of play activity and its random duration
- 39.) The key element in the organization of labor to construct the vast irrigation system on the island of Bali was the _____.
- soewinih*
 - gangalan*
 - sedahan*
 - subak*
 - appanage* lands
- 40.) Lemmonier, like many anthropologists and archaeologists, maintains that the decoration of an artifact **cannot** be regarded as part of technology if it has religious or magical meaning.
- True
 - False
- 41.) The example of the _____, the traditional long sword of Japan, illustrates the importance of ritual in traditional technology.
- shogun*
 - bushido*
 - samurai*
 - daimyo*
 - katana*
- 42.) The sacred "books" that contained the poetry of the ancient sacred texts of Indian origin in Bali were called the:
- Lontars**
 - Qumrun** scrolls
 - Pentateuch**
 - Bhagavad-gita**
 - Popol-vuh**

- 43.) Which of the following is **not** an example of human physical pre-adaptation to technology?
- full opposability of the digits
 - stereoscopic color diurnal vision
 - pressure-sensitive and nerve-enriched finger pads
 - sexual dimorphism
 - a complex network of facial muscles allowing many expressions
- 44.) As Lansing points out, Marxist analysis works very well to understand the pre-Dutch influence wet rice agricultural technology of Bali.
- True
 - False
- 45.) If I pick up a river cobble from a river bed and take it to my cave to smash open the joints of the giant Mastodon that I have just killed, but just use the natural rock and not alter it intentionally, that object is a:
- Manuport
 - Fabrifact
 - Metafact
 - Transfact
 - Naturefact
- 46.) *Techné*, the origin of the modern term "technology", was the label used by the ancient Greeks for the kind of knowledge required by the farmer to successfully manage cultivation.
- True
 - False
- 47.) The name of the high priest of water on Bali was the:
- Kung Agung*
 - Jero Gde*
 - Controleur*
 - Dalat*
 - Brahman*
- 48.) The mechanism whereby if one's religion produces empirical statements that appear to "work" in the real world of subsistence or other physical domains, then one will tend to believe that religion's non-empirical statements, is called:
- Millenarianism
 - a Messianic perspective
 - ritual regulation
 - spirit possession
 - profane technology
- 49.) The American anthropologist Clifford Geertz, who has worked in Bali, Indonesia (among other places), has defined a form of agricultural adaptation that results in increasing labor inputs into fields of ever-reducing size as agricultural _____.
- development
 - involution
 - revolution
 - dependency
 - devolution
- 50.) _____ is a central tendency in human evolution, probably as a result of a positive feedback system with play and technology, an erect posture and a restricted birth canal in females.
- brachiation
 - progressive decephalization
 - dwarfism
 - neotony
 - homeothermy