

Anth 150: Sample test questions, Exam 2. Fall 2008.

1. General primate characteristics, shared by almost all members of the Order, include all of the following EXCEPT:

- a) typically arboreal
- b) grasping hands and feet
- c) claws (instead of nails)
- d) post-orbital bar or enclosure

2. True/False: Lemurs and lorises – but not tarsiers – have a membrane in the eye called a tapetum, which helps them see at night.

3. The dental formula for most Ceboids is _____ while the formula for Cercopithecoids is _____.

- a) 2:1:2:3 ; 2:1:3:3
- b) 2:1:3:3 ; 2:1:2:3
- c) 2:1:3:3 ; 2:1:3:3
- d) 2:1:2:3 ; 2:1:3:2

4. Colobines have evolved which special physical strategy to gain the most nutrients possible from their primary food source:

- a) ischial colosities
- b) cheek flanges
- c) innominate bones
- d) sacculated stomachs
- e) a large intermembral index

5. Skeletal adaptations for suspensory locomotion include

- a) short, stiff back
- b) short fingers & thumbs
- c) laterally placed scapulae
- d) long legs relative to forelimbs

6. There are approximately _____ species of primate.

- a. 5
- b. 7,200
- c. 270
- d. 27,000

7. True/False: Howler monkeys have developed different vocalizations to warn their group about various predators, such as pythons, big cats, and birds.

8. The cost of living in a group does NOT include:

- a) competition for mates
- b) increased risk from contagious disease
- c) infanticide
- d) awareness and defense of predators

9. Which primate, from the list below, has the LOWEST intermembral index?
- gibbon
 - baboon
 - bushbaby
 - potto
 - howler monkey
10. T/F Chimp hunting is an example of agonistic behavior.
11. Encephalization quotient for chimpanzees
- is less than that of humans
 - is less than expected for a mammal their size
 - suggests strong selection for language ability
 - creates problems during childbirth
12. Long forelimbs and shorter hindlimbs are indicative of what type of locomotion?
- Leaping
 - Arboreal Quadrupedalism
 - Brachiation and suspension
 - Slow Climbing
13. Louis Leakey chose _____ to do the first extensive study of orangutans.
14. True/false Humans have longer interbirth intervals than other apes
15. Which trait below is NOT observed in bonobo groups in the wild
- Females leave natal group upon reaching sexual maturity
 - Tool use for termite fishing
 - Sex is often used to ease tension
 - Females dominance hierarchies are strong
 - Infants have dark faces when they are born

Answers: 1.C, 2.True, 3.B, 4.D, 5.A, 6.C, 7.False, 8.D, 9.C, 10.False, 11.A, 12.C, 13.Birute Galdikas, 14.False, 15.B