

1. The only great ape with a significant fossil record is also the only one that split off from the others back in the Miocene:

gorilla bonobo orangutang chimpanzee

2. Dian Fossey Studied the:

Western Lowland Gorilla Sumatran Orangutang Common Chimpanzee
 Mountain Gorilla Bonobo

3. The oldest known OWM is

Sivapithecus Victoriapithecus Adapis Plesiadapis Proconsul

3a. We know it is a monkey not an ape because of its

2.1.2.3 dentition bilophodont molars chin large eye sockets nails

4. Aegyptopithecus is an early Catarrhine; is it an OWM or an ape? Evidence?

4a. Like many Oligocene primates, it was found in what famous site?

5. What were Omomyids like in anatomy and appearance?

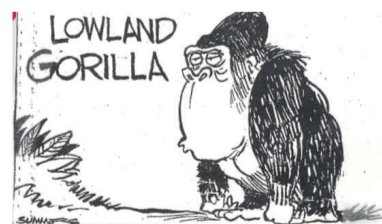
6. Describe four ways (anatomy and/or behavior) in which the Mountain Gorilla is different from other gorillas.

7. Describe two ways (anatomy and/or behavior) in which the Western Lowland Gorilla is different from other gorillas.

2 points. Match the species or subspecies name with the common name:

Siamang	Mountain gorilla	Eastern Lowland Gorilla	Sumatran Orang
Borneo Orang	Bonobo	Common Chimp	Western Lowland Gorilla
_____ pygmaeus	_____ abelii	_____ syndactylus	
_____ beringei	_____ gorilla	_____ paniscus	
_____ troglodytes	_____ graueri		

10. We used to say that primates became primates because their hands and vision were an adaptation to being arboreal; explain one of the newer theories, such as Cartmill's



PRINT YOUR NAME _____

Bonuses: What is a sagittal crest, what is it FOR?