CS 143 * Comparative Cognition
A Tour of Primates at the San Diego Zoo

Who has the largest EQ - Ape, Monkey or Prosimian?
Who is most closely related to humans - Ape, Monkey or Prosimian?
Who is most similar to the original ancestral primate - Ape, Monkey or Prosimian?

**Hamadryas Baboon**  Ape, Monkey or Prosimian?
How does their sexual dimorphism reflect their social structure?
What are those huge canines for?
Why do these animals need such a large habitat?

**Gelada**  Ape, Monkey or Prosimian?
What are some distinctive anatomical features?
Why is the content of this group a natural consequence of a Harem society?
How is their diet peculiar for a primate?

**Vervets**  Ape, Monkey or Prosimian?
What is their claim to fame??
Why is it we can know this about this species and not others?
Why is their next-door neighbor a good/bad choice?

**Ringtail Lemur**  Ape, Monkey or Prosimian?
Where do all the Lemurs come from?
Which gender is dominant?
What are two uses of that amazing tail?

**Sifaka**  Ape, Monkey or Prosimian?
How does the diet of this species vary from others in its suborder?
Is their peculiar locomotion species-specific?

**Gorillas**  Ape, Monkey or Prosimian?
What is their social structure?
Is their diet more frugivorous or folivorous?
In what respect do they defy the usual prediction for such a diet?

**Bonobos**  Ape, Monkey or Prosimian?
What is their social structure?
What physiological feature distinguishes this species?
How does this feature impact on their social structure?
________ is a famous bonobo involved in what cognitive research?

**Orangutans**  Ape, Monkey or Prosimian?
What does their name mean?
What is their social structure in the wild?
What is a (perhaps surprising) cognitive trait they show?
Siamangs  Ape, Monkey or Prosimian?
What is their social structure?
How are their calls specialized for this?

Silvered Langur  Ape, Monkey or Prosimian?
What is their primary food?
What are some possible cognitive implications of this diet?
Why is orange a safe color for an infant to be?

Mandrills  Ape, Monkey or Prosimian?
What use do they make of color?
What hint does their appearance give to their social structure?
How does this structure differ from that in (related) Olive baboons?
Which is thus more likely to show reciprocity: Mandrills or Olives?

Mangabeys  Ape, Monkey or Prosimian?
What micro-habitat do they inhabit?
How does their tail help?
What is the Black Mangabey’s claim to fame?

Cebus Monkey  Ape, Monkey or Prosimian?
How does their object use differ from most other monkeys?
Describe the “two headed display” and it’s implications?
How did they earn their nickname?

Gibbons  Ape, Monkey or Prosimian?
What is their primary mode of locomotion called?
What social structure does their mono-morphism suggest?
How is this also reflected in their vocalizations?

Black & White Colobus  Ape, Monkey or Prosimian?
How are their hands different from most primates?
Is their diet more frugivorous or folivorous?
Their cousins the Red Colobus are sometimes cooperatively hunted by whom?

Lion-Tail Macaques  Ape, Monkey or Prosimian?
Where do all Macaques live?
To what medical term do Rhesus Macaques lend their name?
Which Macaque is most despotic and which is most egalitarian?
What cultural activity has been identified in Japanese Macaques?

Just A Few More Questions. . .
Which of the above species are from the New World?
We have seen MANY ischial callosities today - what is their function?
What Great Ape species did we NOT see at the Zoo today?
What is the most numerous primate we’ve seen today?