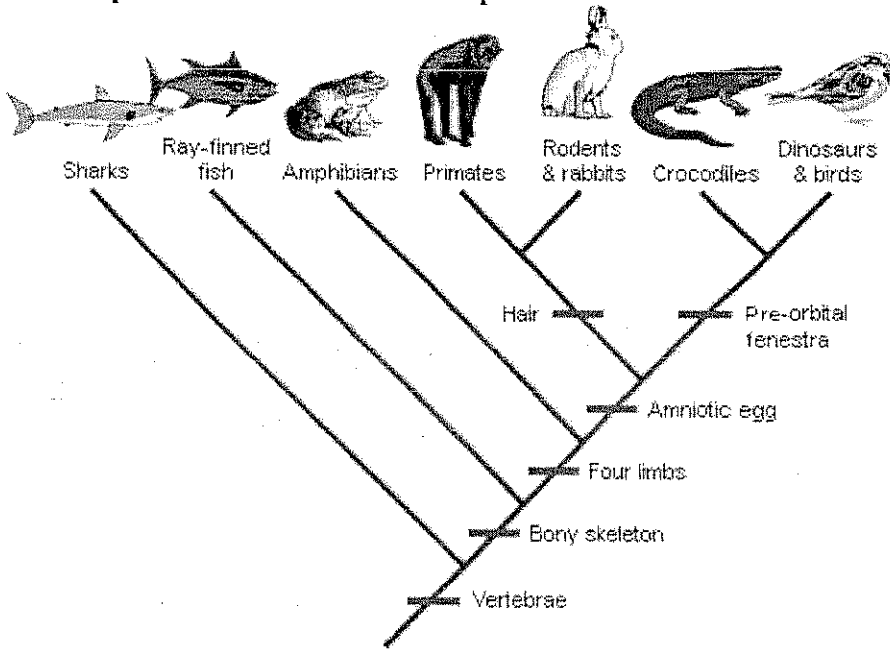


Use the picture below to answer questions 1-3



1. Which animals have amniotic eggs and hair?

A. Crocodiles, dinosaurs and birds	B. Primates, rabbits and rodents
C. Amphibians and Ray-finned fish	D. Primates only

2. Which organisms have the most derived characteristics in common?

A. Birds and rabbits	B. Birds and amphibians
C. Primates and sharks	D. Crocodiles and amphibians

3. Which characteristic is present in the least amount of organisms?

A. Vertebrae	B. Amniotic eggs
C. Hair	D. Bony Skeleton

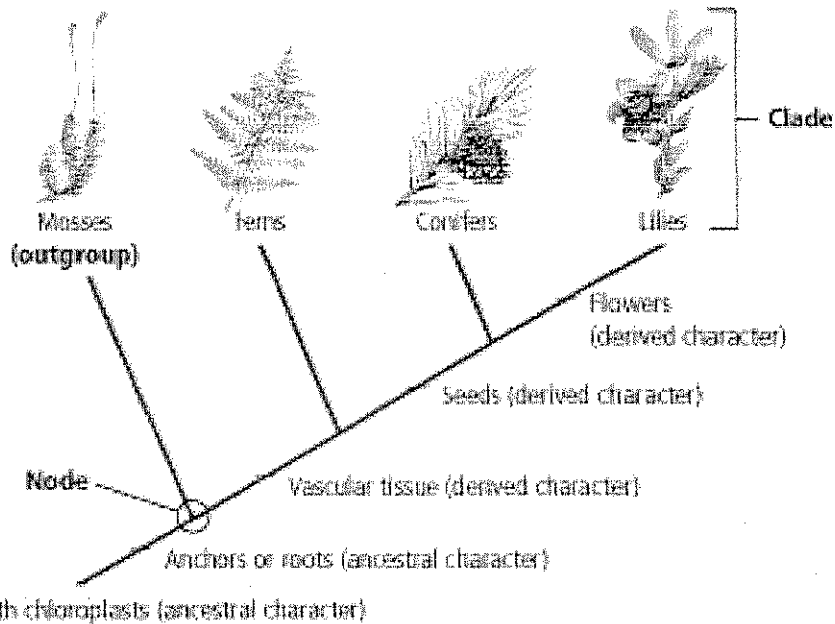
4. What language is used to classify organisms?

A. English	B. Spanish
C. Latin	D. Hebrew

5. Which is the correct way to write the binomial nomenclature.

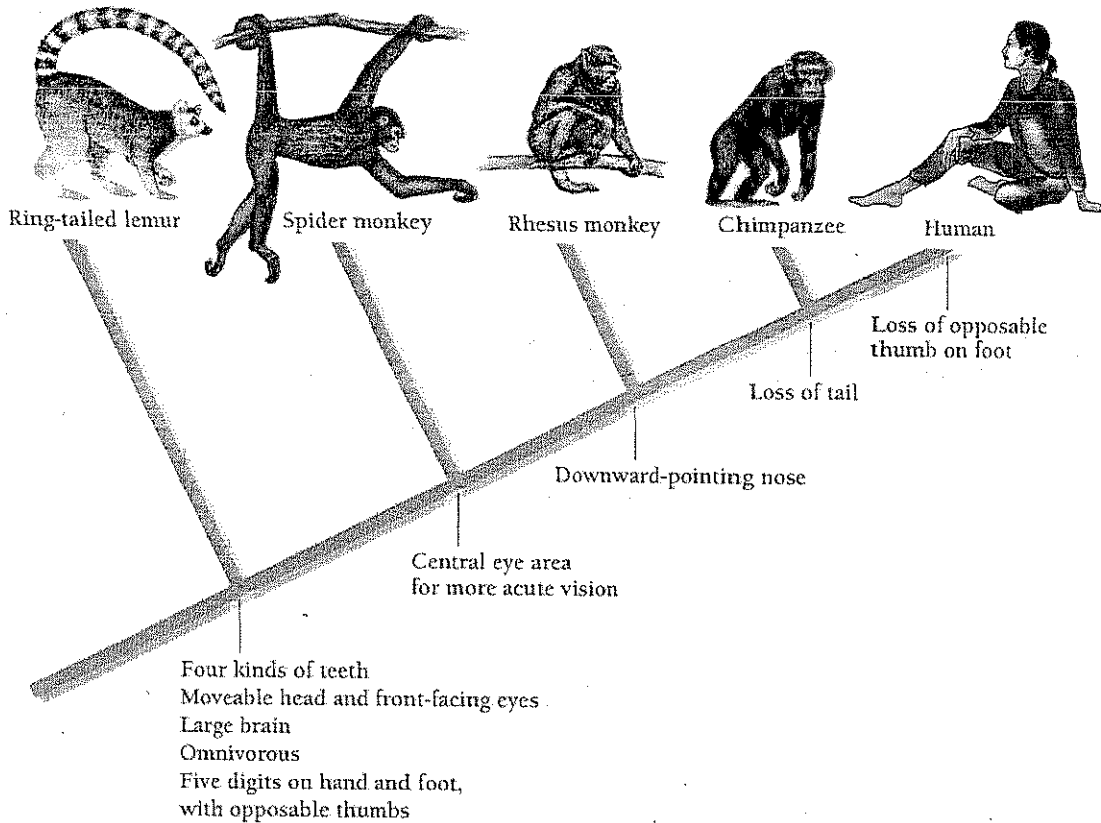
A. <i>felis domestica</i>	B. Felis Domestica
C. felis domestica	D. <i>Felis domestica</i>

Use the picture below to answer questions 6-7.



6. Which characteristic is found in all organisms in the cladogram above?
- A. Anchors or roots B. Vascular tissue
C. Seeds D. Flowers
7. Lilies are most closely related to _____
- A. Mosses B. Ferns
C. Conifers D. all of the above
8. List the taxonomic categories from most general to most specific.
- A. Domain, Kingdom, Phylum, Class, Family, Genus, Order, Species
B. Domain, Kingdom, Phylum, Class, Order, Family, Genus, Species.
C. Species, Genus, Family, Order, Class, Phylum, Kingdom, Domain
D. Species, Order, Genus, Family, Class, Phylum, Kingdom, Domain
9. If dogs and wolves are in the same genus category could they also be in the same species category?
- A. Yes B. No
C. Maybe
10. *Ursus maritimus* and *Ursus arctos* are in the same _____ but are in different _____.
- A. Species; Genus B. Phylum; Class
C. Genus; Species D. Class; Phylum
11. What are the benefits of classifying organisms?
- A. Accurately & uniformly name organisms B. Label organisms by color
C. Both A and B D. None of the above
12. Carolus Linnaeus
- A. Classified organisms by their structure
B. Studied pea plants
C. Developed the modern classifying system
D. Both A and C

Use the picture below to answer questions 13-15.



13. Which primate has no tail?
A. Spider monkey B. Rhesus monkey
C. Chimpanzee D. Human
14. When did the eyes move to a more central location?
A. After spider monkey B. After rhesus monkey
C. After chimpanzee D. After human
15. Which organisms does not have an opposable toe?
A. Spider monkey B. Rhesus monkey
C. Chimpanzee D. Human
16. A group of organisms that can interbreed and produce fertile offspring are a part of the same _____
A. Family B. Species
C. Domain D. Class
17. Which level of taxonomy was not originally included in Linnaeus' system of classification?
A. Family B. Species
C. Domain D. Class
18. Which of the following would you expect to be most closely related?
A. two species in the same genus
B. two species in different phyla
C. two species in different families in the same order
D. two species in the same class

19. From the following list of common and Latinized names determine which pair represents the two most closely related plants.

broad bean *Vicia faba*

castor bean *Ricinus communis*

kidney bean *Phaseolus vulgaris*

potato bean *Apios americana*

scarlet runner bean *Phaseolus coccineus*

- A. broad bean and castor bean
- B. castor bean and kidney bean
- C. kidney bean and scarlet runner bean
- D. scarlet runner bean and castor bean

20. The disadvantage of using common names for species is that:

- A. One name does not apply universally
- B. One species may have several common names
- C. One common name may be applied to two species
- D. All of the above

21. _____ is the classification system in which each species is assigned a two part scientific name.

- A. Taxon
- B. Derived character
- C. Taxonomy
- D. Binomial nomenclature

22. Match the following common name (panther, lion, tiger) to the scientific names (*Panthera tigris*, *Panthera leo*, *Panthera panthera*).

- A. Panther- *Panthera panthera*, Lion- *Panthera tigris*, Tiger- *Panthera leo*
- B. Panther- *Panthera leo*, Lion- *Panthera tigris*, Tiger- *Panthera panthera*
- C. Panther- *Panthera tigris*, Lion- *Panthera panthera*, Tiger- *Panthera leo*
- D. Panther- *Panthera panthera*, Lion- *Panthera leo*, Tiger- *Panthera tigris*

23. Which of the following groups would contain the largest number of organisms?

- A. class
- B. order
- C. phylum
- D. family

24. If two organisms are in the same phylum, they must also be in the same:

- A. class
- B. species
- C. family
- D. kingdom