

NAME _____ HR _____ DATE _____ (E)

(1-10) PUT THE LETTER OF THE WORD NEXT TO ITS DESCRIPTION DEFINITION. SOME WORDS MAY BE USED ONCE OR NOT AT ALL. USE CAPITAL LETTERS

- | | |
|--|--------------------------|
| 1. _____ grouping of similar things for practical purposes | A. Autotroph |
| 2. _____ tail-like extension of the plasma membrane that moves in a whip-like motion | B. Binomial Nomenclature |
| 3. _____ evolutionary history of a species | C. Chemosynthesis |
| 4. _____ science of classification | D. Cilia |
| 5. _____ cell with membrane bound organelles | E. Classification |
| 6. _____ process of using light to make food | F. Eukaryote |
| 7. _____ cell without membrane bound organelles | G. Flagella |
| 8. _____ hair-like extension of the plasma membrane that moves in a wave-like motion | H. Heterotroph |
| 9. _____ two-word naming system | I. Multicellular |
| 10. _____ process of using energy from reactions to make food | J. Photosynthesis |
| | K. Phylogeny |
| | L. Prokaryote |
| | M. Taxonomy |
| | N. Unicellular |

(11-15) Approximately when did each kingdom 1ST appear in the fossil record? (ALSO LABEL "BILLION" OR "MILLION" YEARS AGO!)

11. Animalia _____ 12. Eubacteria _____
13. Fungi _____ 14. Plantae _____
15. Protista _____

(16-20) Identify which person is responsible for each of the following events. Use the designated *capital* letters:

A = Aristotle

Haeckel = H

Linnaeus = L

- 16. _____ Put all unicellular organisms into Kingdom Protista
- 17. _____ Grouped all living things into plants or animals
- 18. _____ Discovered a difference between prokaryotes and eukaryotes
- 19. _____ Changed his name to sound “more Latin”
- 20. _____ Developed the two-word naming system for classifying organisms

(21-34) Fill in the levels of classification as well as how humans are classified

LEVELS (ALPHABETICAL ORDER)

- CLASS
- FAMILY
- GENUS
- KINGDOM
- ORDER
- PHYLUM
- SPECIES

GROUPS (ALPHABETICAL ORDER)

- ANIMALIA
- CHORDATA
- HOMO
- HOMO SAPIENS
- HOMINIDAE
- MAMMALIA
- PRIMATES

LEVEL

GROUP

21. _____

22. _____

23. _____

24. _____

25. _____

26. _____

27. _____

28. _____

29. _____

30. _____

31. _____

32. _____

33. _____

34. _____

- 35. Which group are you in that means you have a central nerve structure?**
- 36. Which group are you in that means you have opposable thumbs and stereoscopic (3-D) vision?**
- 37. Which group are you in that means you have a constant body temperature?**
- 38. Which group are you in that means you have a large (+1400 ml) cranial capacity?**
- 39. Which group do you share with species *Equus caballus* that states you have modified sweat glands that secrete milk?**
- 40. Which group are you in that means you have tool use, language and culture?**
- EC. Which group do you share with the species *Drosophila melanogaster* that states you are eukaryotic heterotrophs that can move with a complex body?**
- EC. Which group are you in that means you walk upright on 2 legs?**