Answer Sheet Classification Review

1. C
2. A
3. D
4. B
5. C
6. D
7. A
8. A
9. C
10. C
11. A
12. D
13. C
14. A
15. C
16. Phylum
17. Genus
18. Derived characteristic
19. Molecular clock
20. Bacteria
21. Name may be different in different locations/languages.
22. Same genus name
23. Similar body plans and internal functions
24. Segmentation and molted exoskeleton
25. To “read” information coded in DNA
26. Bacteria – cell walls with peptidoglycan; Archae – cell walls without peptidoglycan
27. No – protist or plant?
28. No, information not included
29. Yes – protists are the only eukaryotic unicellular organisms that have chloroplasts
30. With or without a nucleus; All 3 domains contain autotrophs and heterotrophs
31. Very long and not standardized
32. Traditional – based on body structure/appearance; Evolutionary – based on evolutionary descent