

## Answers Bio 112 Exam Review Day 1: Cell Theory and Function

1. spontaneous generation or abiogenesis
2. Redi, flies
3. Needham, the right conditions
4. Spallanzani, wrong
5. Pasteur
6. Control
7. Manipulated, responding
8. Robert Hooke
9. Anton Van Leeuwenhoek
10. Matthias Schleiden
11. Theodor Schwann
12. Rudolf Virchow
13. Cell theory, cells, structure, function, existing
14. Prokaryotic
15. Eukaryotic
16. Compound light
17. Electron
18. SEM,TEM
19. Nucleus
20. Nucleolus
21. Cytoplasm
22. Cell wall, membrane
23. Ribosomes
24. ER, RER and SER
25. Golgi apparatus
26. Lysosomes
27. Vacuoles
28. Mitochondria
29. Chloroplasts

30. Cytoskeleton

31. Microfilaments and microtubules

32. centrioles