SECTION QUIZ 4-1



Remember:
Score an average of 85% or higher on all three quizzes, and you may be exempt from the chapter test!



Congratulations! You have completed this section!
Answer the following questions to test your understanding of the material. When you are finished, hand in your quiz to your teacher. Each answer is worth 2.3 points.

Matching:

1. _____ photosynthesis
2. _____ protoplasm
3. _____ hormones
4. _____ DNA/RNA
5. _____ Fungi Kingdom
6. _____ penicillin
7. _____ lichens
8. _____ Protista Kingdom
9. _____ monera
10. _____ pathogens

(a) composed of algae and protozoa – not fully plant, animal or fungi

(b) members classified as neither plants nor animals

(c) plant food production, keeps green leaves on trees

(d) disease-producing bacteria

(e) chemical substance produced by bread, mold, fights bacteria

(f) living material of cells

(g) composed only of bacteria

(h) master chemicals composing a cell's blueprint or pattern for functioning

(i) algae-fungi combinations that grow on rocks, are designed to assist with weathering

(j) chemical messengers composed of protein

True or False: Write the correct answer.

11. _____ Plant and animal cells are nearly identical in design and composition, but different in function and appearance.
12. _____ Mold grows fastest when conditions are warm and moist.
13. _____ All living things can be classified as either plant or animal.
14. _____ Most algaes are aquatic.
15. _____ Microscopic amoebas carry on all the life processes found in larger creatures.
16. _____ Botulism is the worst kind of food poisoning.
17. _____ Antibiotics are becoming increasingly effective in the battle against disease.
18. _____ One out of three people in Europe died during the Black Plague.

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Fill in the blank: Choose the correct word from the WORD BANK.

WORD BANK		
paramecium	protozoa	antiseptic
mitochondria	plants	bacteria
pasteurization	cells	membrane
anaerobic	animals	catalysts
fermentation	moss	amoebas
aerobic	algae	

19. _____ are the building blocks of living organisms.
20. A _____ is shaped like the sole of a shoe.
21. The semi-permeable cell _____ gives protection and controls what enters or leaves the cell.
22. The source of a cell's power is in its _____, which combines nutrients with oxygen to produce energy.
23. The process by which yeasts grow is _____.
24. _____ is the process of heating milk or other foods to a certain temperature to kill undesirable organisms.
25. Living things must have sense organs to be classed as _____, or chlorophyll to be classed as _____.
26. _____ cause reactions to speed up.
27. Kelp and seaweed are the largest forms of _____.
28. _____ is a green algae that grows on land.
29. _____are blobs of protoplasm that change shape as they move.
30. Without _____, dead organisms would neither decay nor stink.
31. _____ means "without oxygen."
32. _____ means "against disease."
33. Parasitic _____ cause diseases such as malaria, sleeping sickness and giardiasis.

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Matching:

34. _____ Louis Pasteur
35. _____ Robert Hooke
36. _____ Anton Leeuwenhoek
37. _____ Edward Jenner
38. _____ Joseph Lister

(a) British physician who developed first serum and smallpox vaccination process, considered one of the top ten medical discoveries of all time.

(b) French chemist who first publicized importance of bacteria in his Germ Theory of disease, considered most important medical discovery all time. Developed pasteurization process.

(c) Scottish physician, first credited with putting Pasteur's Germ Theory into practice, pioneered use of antiseptics and disinfectants in operating rooms; antiseptic mouthwash named after him.

(d) Dutch microscope maker in 1600s who first discovered bacteria, but scientists of his day discounted the findings for 200 years.

(e) English scientist in 1600s who discovered (and named) cells by means of a microscope; also was first to make microscopic study of fossils; scientific community not interested in his discoveries.

Complete the Life Principles:

39. *"Definiteness of _____ is the starting point of all achievement."*
40. *"The laws of nature work _____ and with out complication."*
41. *"A _____ can produce a chain reaction of positive thoughts, events, and outcomes."*
42. *"_____ relationships drain a person of resources and contribute nothing but waste products."*
43. *"The hardest thing to open is a _____."*

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