

# Microbiology for Health Sciences

## Chapter 11 Study Aid

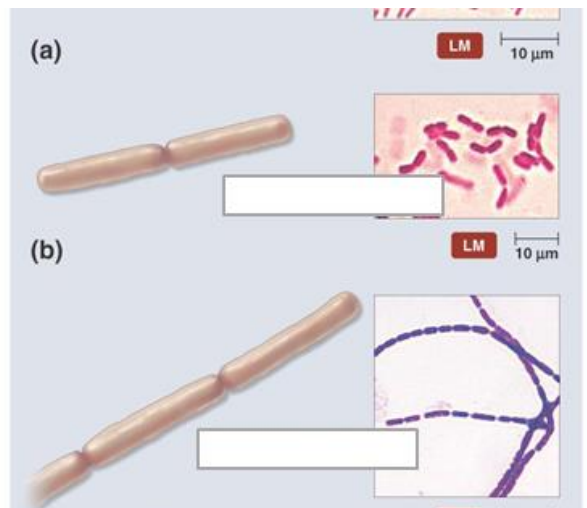
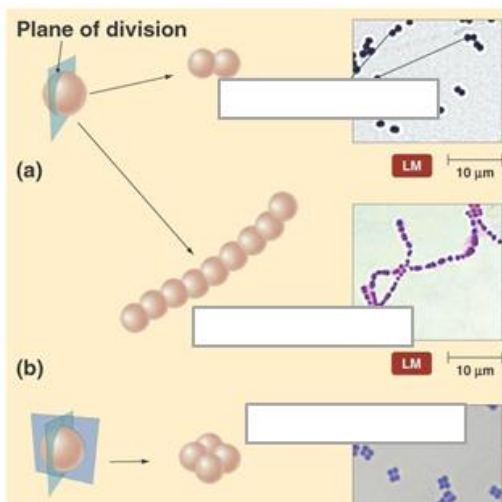
Name: \_\_\_\_\_

PRINT AND HANDWRITE YOUR ANSWERS!

1. Are a large or small percentage of prokaryotes on the planet pathogenic to humans?
2. Draw the shapes of bacteria – coccus, bacillus, spiral (spirillum and spirochete), vibrio, pleomorphic.

3. Do prokaryotes reproduce asexually or sexually?
4. What are the 3 main methods of reproduction for prokaryotes?

5. Identify these arrangement of cells:



6. What are endospores?

7. What are the 3 Domains of Life?

8. Archaeal prokaryotes – what are thermophiles?

9. Archaeal prokaryotes – what are halophiles?

#### Groups of Bacteria

10. What are the deeply branching bacteria?

11. What are the phototrophic bacteria? What are cyanobacteria?

12. List Low G+C Gram positive bacteria discussed:

13. List High G+C Gram positive bacteria discussed:

14. Gram negative Proteobacteria, list bacteria discussed in each group:

a. Alphaproteobacteria:

b. Betaproteobacteria:

c. Gammaproteobacteria:

d. Deltaproteobacteria:

e. Epsilonproteobacteria:

f. Other: