

## Bio 205 Self Test

1. Match the Men (use each only once):

- \_B\_** discovered the first antibiotic (PCN)
- \_C\_** proved the Germ Theory of Disease
- \_A\_** discovered a process of mild heating to prevent spoilage of food
- \_E\_** successfully applied the germ theory to medicine
- \_D\_** cow pox may prevent smallpox
- \_F\_** found chemical cure for syphilis

### KEY

- A. Pasteur
- B. Fleming and Florey
- C. Koch
- D. Jenner
- E. Lister
- F. Ehrlich
- G. Hook
- H. Semmelweis

2. Draw a streptobacillus

**Three or more rods attached.**

3. Match the following:

- \_B\_** prokaryotes found in hostile environments
- \_E\_** slimy layer that may surround a bacterial cell
- \_J\_** spirochete
- \_H\_** study of fungi
- \_C\_** CW contains teichoic acid
- \_K\_** Gram positive rods
- \_D\_** cell wall contains LPS
- \_I\_** includes pathogenic worms
- \_G\_** non-chromosomal DNA
- \_M\_** Gram positive spheres
- \_A\_** dormant dehydrated cell
- \_F\_** protein coat around a virus

### Key

**Use each once only**

- A. spore
- B. Archaea
- C. Gram +
- D. Gram –
- E. capsule
- F. capsid
- G. plasmid
- H. mycology
- I. Helminths
- J. flexible spiral
- K. *Bacillus/Clostridium*
- L. *E. coli*
- M. *Staphylococcus*