

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

## Cells Outline

### Cells -

#### I. History

A. The Jansens -

B. Hooke -

C. Leeuwenhoek -

D. Schleiden -

E. Schwann -

F. Virchow -

#### II. Cell Theory

### III. Cell Significance

### IV. Two Basic Cell Types

A. Prokaryotes -

B. Eukaryotes -

### V. Endosymbiotic Theory

VI. Cell Parts

A. Cell Membrane -

B. Nuclear Membrane -

C. Nucleus -

D. Nucleolus -

E. Cytoplasm -

F. Endoplasmic Reticulum -

G. Ribosomes -

H. Mitochondria -

I. Golgi Apparatus -

J. Microfilaments -

K. Microtubules -

L. Lysosomes -

M. Vacuole -

N. Plastids -

O. Cell Wall -

VII. Levels of Organization