

Cells: The Units of Life

Part A

In the sentences below, a code letter has been substituted for each letter of the alphabet. To find out what the sentences say, use the following key to decode them. In the key, the code letters are shown directly below the alphabet letter they stand for. Write the correct letter above each code letter, then read the sentence aloud.

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
Z	Y	X	W	V	U	T	S	R	Q	P	O	N	M	L	K	J	I	H	G	F	E	D	C	B	A

1. ZOO LITZMRHNNH ZIV NZVW LU XVOOH
2. Z XVOO RH GSV YZHRX FMRG LU HGIFXGFIV
ZMW UFMXGRLM RM ZM LITZMRHN
3. VEVIB XVOO XLNVH UILN ZMLGSVI XVOO
4. GSRH RH XZOOVW GSV XVOO GSVLIB

Part B

Answer the following questions.

1. Who was the first person to use the word cell? _____
2. In what material did he see cells? _____

3. What did Schleiden and Schwann conclude about cells? _____

4. What instrument that uses light and two or more lenses is used to view cells?

5. What instrument uses a magnetic field to magnify images up to 1 000 000 times?
