

Cryptograms

CRYPTOGRAM 01

E E E
 O N B L N B O B T W J L G X N K J H Y J H G J
 S E J O U G H N F W H B U R J F R K B L F
 H B C B E F J E C B C J .

FREQUENCY

B	J	H	F	N	C	E	G	L	O	K	R	U	W	S	T	X	Y
8	8	5	4	4	3	3	3	3	3	2	2	2	2	1	1	1	1
14%	14%	9%	7%	7%	5%	5%	5%	5%	5%	4%	4%	4%	4%	2%	2%	2%	2%

CIPHER KEY

B	C	E	F	G	H	J	K	L	N	O	R	S	T	U	W	X	Y
									E								

– Carl Sagan

NOTES

CRYPTOGRAM 02

E E
 K P U F R P F U K R G L G R H C W
 Q U K P U Z H U R F G S A F W K G R Y X L W H K G
 E E
 G R F G S A G B W R P F W R Q Z W K K U G R .

FREQUENCY

G	R	K	F	U	W	P	H	A	L	Q	S	Z	B	C	X	Y
9	9	7	6	6	6	4	3	2	2	2	2	2	1	1	1	1
14%	14%	11%	9%	9%	9%	6%	5%	3%	3%	3%	3%	3%	2%	2%	2%	2%

CIPHER KEY

A	B	C	F	G	H	K	L	P	Q	R	S	U	W	X	Y	Z
			E													

– Carl Sagan

NOTES

Cryptograms

CRYPTOGRAM 03

E
E
E
E
E
E
E

B C N A X I A Y A B C N A O I H D V H D P Y A J H W S A
 H B X M H O H D V O C W A F D C X D X Y C O A
 C S J P M Y S B M V M D .

FREQUENCY

A	C	D	H	B	M	O	X	Y	S	V	I	J	N	P	W	F
8	6	6	6	4	4	4	4	4	3	3	2	2	2	2	2	1
13%	10%	10%	10%	6%	6%	6%	6%	6%	5%	5%	3%	3%	3%	3%	3%	2%

CIPHER KEY

A	B	C	D	F	H	I	J	M	N	O	P	S	V	W	X	Y
E																

– Carl Sagan

NOTES

CRYPTOGRAM 04

E
E
E

N W Z L T P W G J Q Q Z L O G Z Q O Y N O R
 V A W O G W P G G Z Q O T G A M V M L N O P
 H L S S G A W X M G W Q P L C L O .

FREQUENCY

G	O	L	W	Q	P	Z	A	M	N	S	T	V	C	H	J	R	X	Y
8	7	6	6	5	4	4	3	3	3	2	2	2	1	1	1	1	1	1
13%	11%	10%	10%	8%	7%	7%	5%	5%	5%	3%	3%	3%	2%	2%	2%	2%	2%	2%

CIPHER KEY

A	C	G	H	J	L	M	N	O	P	Q	R	S	T	V	W	X	Y	Z
										E								

– Carl Sagan

NOTES

Cryptograms

CRYPTOGRAM 05

N L W U V E U P A U T D C U V E U D W V P X
 E E E E E
 U T D C U V E U P A N L W U V E U Y J P X U P M C
 E N J M W N R N V M P V R N R P .

FREQUENCY

U	P	V	N	E	W	C	D	M	R	A	J	L	T	X	Y
11	7	7	6	5	4	3	3	3	3	2	2	2	2	2	1
17%	11%	11%	10%	8%	6%	5%	5%	5%	5%	3%	3%	3%	3%	3%	2%

CIPHER KEY

A	C	D	E	J	L	M	N	P	R	T	U	V	W	X	Y
											E				

– Carl Sagan

NOTES

CRYPTOGRAM 06

E E E
 F R Y P B C P M Z J B P W H I B Z X L P F K N Z P F
 E E E E E
 F R Y P B C P M Z J B P W F E Z M F J H F G P C Y F
 C I M H B P I L B A B J C Q H C P J F I I .

FREQUENCY

P	F	B	C	I	J	Z	H	M	Y	L	R	W	A	E	G	K	N	Q	X
11	9	8	6	5	5	5	4	4	3	2	2	2	1	1	1	1	1	1	1
15%	12%	11%	8%	7%	7%	7%	5%	5%	4%	3%	3%	3%	1%	1%	1%	1%	1%	1%	1%

CIPHER KEY

A	B	C	E	F	G	H	I	J	K	L	M	N	P	Q	R	W	X	Y	Z
				E															

– Carl Sagan

NOTES

Answer Key – Cryptograms

Solve before peeking. Full solutions below.

01 WE ARE A WAY FOR THE COSMOS TO KNOW ITSELF SAID OLD CARL SAGAN LONG AGO.
– Carl Sagan

02 SCIENCE IS NOT ONLY A DISCIPLINE OF REASON BUT ALSO ONE OF ROMANCE AND PASSION.
– Carl Sagan

03 SOMEWHERE SOMETHING INCREDIBLE IS WAITING TO BE KNOWN WROTE OLD CARL SAGAN.
– Carl Sagan

04 IT PAYS TO KEEP AN OPEN MIND BUT NOT SO OPEN YOUR BRAINS FALL OUT WROTE SAGAN.
– Carl Sagan

05 ABSENCE OF EVIDENCE IS NOT EVIDENCE OF ABSENCE WROTE OLD CARL SAGAN LONG AGO.
– Carl Sagan

06 EXTRAORDINARY CLAIMS REQUIRE EXTRAORDINARY EVIDENCE WROTE OLD CARL SAGAN OF CORNELL.
– Carl Sagan
