

Cryptograms

CRYPTOGRAM 01

O T D N O S D B O P S A O U U P K B I S R D W W Z
 H Y B P A P W U V Y B Q D B S I X I W A I W I
 L H B A O B Q P H B O B A I N P S P A Q I W I
 A W P B I P U V R D W U Y D N D S .

FREQUENCY

B	I	P	W	A	D	O	S	U	H	N	Q	Y	R	V	K	L	T	X	Z
10	9	9	8	7	7	6	6	5	3	3	3	3	2	2	1	1	1	1	1
11%	10%	10%	9%	8%	8%	7%	7%	6%	3%	3%	3%	3%	2%	2%	1%	1%	1%	1%	1%

CIPHER KEY

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

– Carl Sagan

NOTES

CRYPTOGRAM 02

C T W K V C Q N F W K V K N S Q G K Z C T W
 Y Z D Y V S X V K N S Q C W W C T C T W V Q N K
 V K N S Q P D N N G J W Q W X Z G W V K C T W
 V K C W Q V N Q B N I Y N D D Z L B V K F B C Z Q B .

FREQUENCY

W	K	N	V	C	Q	T	Z	B	D	S	G	Y	F	X	I	J	L	P
11	10	10	10	9	9	5	5	4	4	4	3	3	2	2	1	1	1	1
12%	11%	11%	11%	9%	9%	5%	5%	4%	4%	4%	3%	3%	2%	2%	1%	1%	1%	1%

CIPHER KEY

B	C	D	F	G	I	J	K	L	N	P	Q	S	T	V	W	X	Y	Z
															E			

– Carl Sagan

NOTES

Cryptograms

CRYPTOGRAM 03

G M M E S O A W M M J F L N F L I Y N K O N W V ^E
 X N A N G B V ^E M J H M W E S K Q Y N Q S X H W M F V ^E
 M B U X N W B O N Q N K B M K Q N Q M S K L S O
 X M O Y M O G M M E B M K Q N Q M .

FREQUENCY

M	N	Q	K	O	B	S	W	X	E	F	G	L	V	Y	A	H	J	I	U
16	11	7	6	6	5	5	5	4	3	3	3	3	3	3	2	2	2	1	1
18%	12%	8%	7%	7%	5%	5%	5%	4%	3%	3%	3%	3%	3%	3%	2%	2%	2%	1%	1%

CIPHER KEY

A	B	E	F	G	H	I	J	K	L	M	N	O	Q	S	U	V	W	X	Y
																E			

– Carl Sagan

NOTES

CRYPTOGRAM 04

N V O G W W V E O X V K X D H C Z G S V E C ^E
^E S D H K Y C M D X D K C D O V N C M D ^E
^E E K H B D O Z D A D W H B D H K G ^E
^E S G X L A G C D O V N G K V O T H K G O I
 Y G W G J I Z G H T Z G Y G K .

FREQUENCY

G	D	K	H	O	V	C	W	X	Z	E	N	S	Y	A	B	I	M	T	J	L
12	11	8	7	7	7	6	4	4	4	3	3	3	3	2	2	2	2	2	1	1
13%	12%	9%	7%	7%	7%	6%	4%	4%	4%	3%	3%	3%	3%	2%	2%	2%	2%	2%	1%	1%

CIPHER KEY

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

– Carl Sagan

NOTES

Answer Key – Cryptograms

Solve before peeking. Full solutions below.

- 01 IMAGINATION WILL OFTEN CARRY US TO WORLDS THAT NEVER WERE BUT WITHOUT IT WE GO NOWHERE WROTE OLD CARL SAGAN.
– Carl Sagan
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- 02 THE NITROGEN IN OUR DNA THE CALCIUM IN OUR TEETH THE IRON IN OUR BLOOD WERE MADE IN THE INTERIORS OF COLLAPSING STARS.
– Carl Sagan
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- 03 BOOK IS PROOF THAT HUMANS ARE CAPABLE OF WORKING MAGIC WROTE OLD CARL SAGAN LONG AGO IN HIS COSMOS BOOK LONG AGO.
– Carl Sagan
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- 04 FOR ALL OUR CONCEITS ABOUT BEING THE CENTER OF THE UNIVERSE WE LIVE IN A BACKWATER OF AN ORDINARY GALAXY SAID SAGAN.
– Carl Sagan
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