

I. Choose the words from bank. /5

unreadable original ciphers ciphertext pictures

- 1) Information on a network can be kept safe by using _____.
- 2) A cipher is a set of instructions or rules. It is used to turn plain text into _____.
- 3) Plain text is the _____ message. It is normally made up of letters or numbers.
- 4) Ciphertext can be made up of letters, numbers or _____.
- 5) Ciphertext is _____ to anyone who does not know the cipher.

II. Match the following. /5

6) Codes	a) any set of letters, words or numbers that anyone can understand
7) plain text	b) text that only people with the cipher can understand
8) ciphertext	c) a set of rules to convert plain text to ciphertext
9) cipher	d) It is the flip text cipher.
10) A simple cipher	e) can be formed by replacing the letters in a word, or words in a sentence, with different letters, words or symbols.

6)	7)	8)	9)	10)

III. State whether the statement is true or false. /6

11) Lots of personal information travels over the internet.	
12) Information sent over the internet is totally safe.	
13) Information sent across a network can be accessed by people who do not have permission.	
14) Ciphers can be used to keep information secret.	
15) A cipher is a set of instructions to turn plain text into ciphertext.	
16) Ciphertext has to be turned back to plain text to be understood.	

III. Answer the following questions: /4

Any information sent over a network might be seen by other people. State any two information that should not be seen by strangers:

- 1) _____
- 2) _____

People use networks every day. Mention any two thing where we use networks:

- 1) _____
- 2) _____