

Answers for the Cryptography e-Honour Worksheet

1. Cryptography or cryptology is the art of **concealing** messages in order to keep them private or confidential.

When the message is encoded, only those who have been given the **key** or code book will know how to decode the secret message.

Steganography is the art of hiding the message with a '**cover**' so that what people see is the cover without realizing there is a secret message hidden within or under it.

2. Decryption is the **reverse** process where we convert the unintelligible cipher text back to plain text (normal text).

3. The word cypher comes from the Arabic word SIFR meaning 'empty' or **z**_____.

5. Scytale in Greek means a **baton**.

6. The first Enigma was invented by **German** engineer Arthur Scherbius at the end of World War 1.

7. Code talkers refer to **Native American** soldiers who talk using a coded language to transmit secret messages over the radio.

8. The Navajo language was an **unpublished** language and no books in Navajo had ever been published.

9. The decree by Ptolemy V written on the Rosetta Stone appears in **three** languages.

10. In Bible prophecy, the bear represents the Kingdom of **Medo Persia**

11. A transposition cipher is a method of encryption by which the positions held by units of plaintext are **shifted** according to a regular system to create the cipher text.

10. A substitution cipher is a method of encryption by which the units of the plain text are **replaced** with other symbols which need not be the same as those used in the plain text.