

Cryptography

British Union e-Honour



Cryptography e-Honour Worksheet (Instructor: MG Simon Siew, Singapore)

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

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

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

2. Decryption is the **r** _____ process where we convert the unintelligible cipher text back to plain text (normal text).
3. Scytale in Greek means a **b** _____.
4. The first Enigma was invented by **G** _____ engineer Arthur Scherbius at the end of World War 1.
5. Code talkers refer to **N** _____ **A** _____ soldiers who talk using a coded language to transmit secret messages over the radio.
6. The Navajo language was an **u** _____ language and no books in Navajo had ever been published.
7. The decree by Ptolemy V written on the Rosetta Stone appears in **t** _____ languages.
8. In Bible prophecy, the bear represents the Kingdom of **M** _____.
9. A transposition cipher is a method of encryption by which the positions held by units of plaintext are **s** _____ 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 **r** _____ with other symbols which need not be the same as those used in the plain text.