LANGUAGES AND CODING: WHO IS THE ENIGMATIC CHARACTER?

Codeword 1

An Enigmatic Character (who was mentioned in the VC session earlier) is hiding his/her identity in coded messages. Can you discover who it is?

Like the British code-breakers working at Bletchley Park during WWII, you have access to some weather reports. These may be in English, French, Spanish or German. You will need to:

- Use the information gained from the Frequency Analysis task to decide which language each text was originally in. Note that accents were removed before coding the original text.
- Solve the clues. Each will give you 3 coordinates: (sentence number, word number, letter), so for instance (2, 14, 3) means the 2nd sentence, 14th word, 3rd letter. Some clues are written as coordinates in brackets, so (letters in the alphabet, disciples, dozen) would give (26, 12, 12). Other clues give you a single number and you have to work out how these numbers in the order given should be put into coordinates.
- Use the coordinates to find the letters in the coded text to get a code-word in the original language of the piece of text.
- Put these together with what you heard in the VC session earlier to find the identity of this Enigmatic Character.
- If you want to decode the text, go ahead, but you can find the identity of the Enigmatic Character without it.

Text 1

ATETPIDN LP WALIXLP, IYT UTXIYTA YXJ WTTP QTAN EODZ ULIY X DOI OH JPOU XPZ LET.

ITMRTAXICATJ YXQT WTTP WTDOU HATTGLPF HOA MCEY OH IYT ILMT, JO WDXES LET YXJ XDJO EXCJTZ RAOWDTMJ.

IOZXN LJ XFXLP AXIYTA EODZ XPZ EDOCZN ULIY X WXPZ OH AXLP, JDTTI XPZ JYOU JRATXZLPF POAIYTXJI IO XHHTEI MCEY OH IYT EOCPIAN.

JOMT WALFYI OA JCPPN JRTDDJ XAT ROJJLWDT LP IYT JOCIYUTJI, ULIY ULPZJ JIXAILPF IO TXJT, TJRTELXDDN LP IYT JOCIY.

IYT RATQXLDLPF ULPZ ZLATEILOP LJ TBRTEITZ IO MOQT IO IYT JOCIYUTJI, UYLEY JYOCDZ YXQT IYT THHTEI OH AXLJLPF ITMRTAXICATJ JO IYXI WN IYT JIXAI OH PTBI MOPIY ITMRTAXICATJ ULDD WT MOAT OA DTJJ POAMXD ULIY AXLP MOAT DLSTDN IYXP JPOU.

Clues for codeword 1

Clue	Sentence coordinate	Word coordinate	Letter Coordinate	Letter in text
(a pair, number of senses, unique)				
Multiply 83 by 2 until you have a number starting with 5, then sort it into 3 appropriate coordinates				
First three numbers in the previous coordinates				
Multiply the 7^{th} prime number by 5 until you have a number starting with 2, then sort it into 3 appropriate coordinates				
(first prime number, 2 to the power of 4, ace)				
(x, x + 2, x - 3) where x is the 3^{rd} prime number				
(2^{nd} triangle number, 4^{th} square number, 3^{rd} square number)				
8^{th} prime number times 3^{rd} square number				
(triple, players in a football match, a third of 3)				
(vertices on a pentagram, 10 more than the 7^{th} triangle number, vertices on a triangle)				
(3^0, 3^2, 3^1)				
(x^2, x^0, x^1) where x is the first prime number				
(sides on a pentagon, twice the 7^{th} prime number, double the first prime number)				

Language: ……

Codeword: ……..

Translation into English: ……..

Identity of the Enigmatic Character: ……..