

# COL 759

## Assignment 3

Note- Identify the plain text to the provided cipher text, encrypted using mentioned cipher by performing crypto-analysis.

Question 1- PlayFair Cipher:

Cipher Text to decipher-

EGHXYDPALKEHXCBXBOICPBKCDPBSOZTPFSQTCUOWEGCHMQLOGCQCPQABDCULBEPH  
ZXDPTSCEXTTPEGHXOFWGCUIAPDPLHUBMUEPHULZRXXGHOHDPLXGQIPEDNUSPUEZCLBW  
IKOEPHDHEHXUMBFSKYGEBXHEYBDAELMSZRSQGAAEIBOCECGWNCBDQBYWGPHUH  
HUDEPHYBTMULOBHVKMBQICALDMCUETNLBMLMACRTIKEPUSUEIKOELAXACPLEIUPTPUXD  
PMUKOCUXHSQSDXTPDBUDNOUECUESIFQBOSTHELMUSEWDNOUECUECILOQAOLZKSFOK  
BOUBDRES

Question 2- Simple Cipher:

Cipher Text to decipher- Nbzmnzi rh z xlfmgib rm Zhrz. Nzmb llsrmtbz Nfhornh orev gsviv. Gsvri orevh ziv evib wruurxfog. Gsvb nfhg nrtizgv z olg. Rm 2017, gsviv rh hgilmr nrorgzib zxgrlm ztzrmhg llsrmtbz Nfhornh. Gsviv rh z olg lu erlovxv. Nzmb kvkov wrv. Z olg lu kvkov ifm zdzb gl zmlgsvi xlfmgib. Hlnv kvkov yvorvev gszg gsviv rh tvmlxrvw lu gsv llsrmtbz. Gsv Nbzmnzi tlevimnvmg zhph z xlnnrggvv gl urmw lfg dszg szkkvmh. Gsv xlnnrggvv hzbh gszg gsviv rh ml tvmlxrvw. Sldvevi, gsviv rh hvirfih xirv. Z olg lu kvkov wl mlg yvorvev gsrh. Gsvb hzb gszg gsv tlevimnvmg dzmgh gl srwv gsv gifgs.

Question 3- Simple Cipher:

Cipher Text to decipher- Htghst xlt lxflektfl zg hkgztez zitok laof ykgd zit lxf. Zitkt ol q ftv lzxrn. Oz lqnl ziqz lqdt eitdoeqsl of lxflektfl utz ofzg htghst' l wsggr Leotfzolzl ztlz ygkx royytktfz lxflektfl qfr lob eitdoeqsl. Zitn yofr ziqz qss lob eitdoeqsl utz ofzg zit wgrn. Zitn rg fgz afgv viqz zitlt eitdoeqsl rg zg htghst. Oz ol vggknofu. Leotfzolzl dxlz rg dgkt kltqkei zg xfrtklzqfr igv eitdoeqsl utz ofzg zit wgrn.

Deadline for the aforementioned assignment is 12th of February 2020