

## Question No: 1 / 5

What is the plaintext of the Caesar ciphertext

"DTZFWJKTQQTBII", if KEY = 5 is used?



1) YOUAREFOLLOWER



2) YOUAREFOLLOWED



3) YOUAREFOLLOWRE



4) YOUAREFOLLOWDE

## Question No: 2 / 5

Given the string

"SANFOUNDRY" as input to the playfair cipher and a key = "SECRET", the ciphertext would then be \_\_\_\_.

- ☐ 1) AHQAPNPAFR
- ☒ 2) AHQAPNPAFQ
- ☒ 3) AHQAPNPAFP
- ☒ 4) AHQAPNPAFS

### Question No: 3 / 5

If the input key for the S-DES algorithm is  $K = 0010010111$ , then  $K_2$  would be \_\_\_\_.

- ☒ 1) 11011011
- ☒ 2) 11100110
- ☐ 3) 11101010
- ☒ 4) 11101001

## Question No: 4 / 5

Which of the following ciphers is created by shuffling the letters of a word?

- ☐ 1 ) Hill cipher
- ☐ 2 ) Substitution cipher
- ☒ 3 ) Transposition cipher
- ☐ 4 ) Vigenère cipher



## Question No: 5 / 5

What is the plaintext corresponding to the Rail fence ciphertext "SCSEMG" with key = 2 ?

- ☐ 1 ) GSMSEC
- ☐ 2 ) SECMSG
- ☐ 3 ) SECGSM
- ☐ 4 ) MSGSEC