



Duration: 30 Minutes

Total Marks: 10

Answer all of the following questions.

(The CO# along with each sub-question represents the mapping of the questions onto the expected outcomes of the course provided in the course outline.)

Question 1.

a.

CO1 07 Marks

You are working on a spy project that requires decoding a secret message. The secret message is encoded using a simple pattern: each character in the original message is shifted a certain number of places in the alphabet. This encoding method is known as the Caesar cipher.

Your task is to write a JavaScript function that decodes a given message that was encoded with a Caesar cipher. The function should take two parameters: the encoded message (a string) and the shift value (an integer).

Secret Message Decoder

Encoded Message:

j mpwf zpv

Shift Value:

1

Decode

Decoded Message: i love you

Figure 1: Sample input output

Question 2.

a.

CO1 03 Marks

Write a JavaScript function that performs an AJAX GET request to the URL-
"https://jsonplaceholder.typicode.com/posts/1"
Display the title of the retrieved post in a <div> with the id "postTitle".

□ End of Question □