

## Online Assignment-1

**Assignment Date: 02-09-2020**

**Submission Date: 05-09-2020**

### SET A

Q.1 Create a node js application that takes input from the user and calculates the sum of first 10 prime numbers and store the result in a file 'output.txt' which already exists. Also print the success message on console if success is there and in case of error then error message gets displayed on console.

[10 marks]

Q.2 Create a node js application in which you will make a calculator using events. [10 marks]

Q.3 Create a node js application and raise five different events and every event should raise with an interval of 1sec, 2sec, 3sec, 4 sec and 5sec [10 marks]

### SET-B

Q.1 Create a node js application that takes input from the user and calculates the sum of first 10 natural numbers and store the result in a file 'output.txt' which already exists. Also print the success message on console if success is there and in case of error then error message gets displayed on console. [10 marks]

Q.2 Create a registration form (describe 5 fields) with the help of server. [10 marks]

Q.3 Create one file and write a code in which you will take input from user and display the maximum number from array and read this file on server with the help of url module. [10 marks]

### SET-C

Q.1 Create a node js application that takes input from the user and calculates the sum of first 20 even numbers and store the result in a file 'output.txt' which already exists. Also print the success message on console if success is there and in case of error then error message gets displayed on console.

[10 marks]

Q.2 Create a console based node.js application that should open and read from a file name "test.txt", if file is empty then it should print on console that "File is Empty" otherwise content should be appended into file "test1.txt" and printed on the console. [10 marks]

Q.3 Create a node js application and raise five different events and for every event there should be different listener and every event should raise after an interval of 5sec and after 10 sec remove all the listener for events. [10 marks]

Roll no	Set
1	A
2	B
3	C
4	A
5	B
6	C
7	A
8	B
9	C
10	A
11	B
12	C
13	A
14	B
15	C
16	A
17	B
18	C
19	A
20	B
21	C
22	A
23	B
24	C
25	A
26	B
27	C
28	A

29	B
30	C
31	A
32	B
33	C
34	A
35	B
36	C
37	A
38	B
39	C
40	A
41	B
42	C
43	A
44	B
45	C
46	A
47	B
48	C
49	A
50	B
51	C
52	A
53	B
54	C
55	A
56	B
57	C
58	A
59	B
60	C
61	A

62	B
63	C
64	A
65	B
66	C
67	A
68	B
69	C
70	A