INDEX

S.no.	Assignment question	Page no.
1.	Write a c program to print * *** ***** *** *	01-02
2.	Write a c program to print A B C D E A B C D A B C A B A	03-04
3.	Write a c program to evaluate following series using function S= 1-1/3+1/5-1/7.....upto n terms	05-06
4.	Write a c program to evaluate following series using function S= 1+2(1)+3(2)+4(3).....upto n(n-1) terms	07-08
5.	Write a c program to calculate y^x using function where x and y pass as an argument to a function	09-10
6.	Write a c program which pass two functions f1 and f2 to another function f3. The function f1 calculate simple interest, f2 calculate compound interest, the function f3 calculate the difference between two interest amount for the same principle amount, year of deposit and same interest rate. All these values should be accepted through keyboard in main function	11-13
7.	Write a c program to print a series S= 1,1/3,1/5,1/7.....upto n terms	14
8.	Write a c program read 10 numbers to keyboard in an array and find out count no. Of positive and negative no in array using function	15-16
9.	Write a c program to calculate the average of an array	17-18
10.	Write a c program to count repeated no. In an array and count how many times it repeated	19-20
11.	Write a c program to find maximum number in an array	21-22
12.	Write a c program to find minimum number in an array	23-24
13.	Write a c program to read input array and compute the no of data above and below the average, use while statement to find average	25-27
14.	Write a c program to interchange elements of array into the last element	28-29
15.	Write a c program to add two matrix	30-32
16.	Write a c program to subtract two matrix	33-35
17.	Write a c program to multiply two matrix	36-38
18.	Write a c program to print diagonal of matrix	39-40
19.	Write a c program to print transpose of matrix	41-42
20.	Write a c program to find length of string using user defined function	43
21.	Write a c program for strcpy() using user defined function	44
22.	Write a c program for strcat() using user defined function	45-46
23.	Write a c program for strcmp() using user defined function	47-48
24.	Write a c program for strlwr() using user defined function	49-50
25.	Write a c program for strcat() using user defined function	51-52
26.	Write a c program for strchr() using user defined function	53-54

27.	Write a c program to swap two string using calloc()	55-56
28.	Write a c program interchange first and third element in 2d array	57-58
29.	Write a c program that take input from the user about five students details such as name,roll no,three subjects Mark and percentage. Also displays all students details in table form	59-63
30.	Write a c program that process a line display a count of the total no. Of words in that line	64-65
31.	Write a c program in a 2d array takes 10 name and display all the name in ascending order	66-68
32.	Write a c program to accept records of different state using array of structure . The structure should contain name of the state, int population, int literacy rate and int per capital income. Assume suitable data display the state whose literacy rate is highest and whose per capital is highest	69-73
33.	Write a program to calculate the power of a given number using recursion	74-75
34.	Write a c program of stack	76-79
35.	Write a c program to reverse a string using stack	80-82
36.	Write a c program to take input in an array and delete mid element of an array using stack	83-84
37.	Write a c program to evaluate a postfix expression in stack.	85-87
38.	Write a c program for conversion of infix to postfix	88-90
39.	Write a c program for conversion of infix to prefix	91-93
40.	Write a c program of linear queue	94-98
41.	Write a c program of circular queue	99-104
42.	Wtite a c program for write mode in file handling	105
43.	Wtite a c program for write mode in file handling using user-defined function	106
44.	Wtite a c program for read mode in file handling	107
45.	Write a c program to copy first text file in another text file using file handling process	108-109
46.	Write a c program to take input from user name , roll no, course fee and display using file handling.	110-111
47.	Write a c program to take 5 input from user such that name,rool no, course name and display with struct method and file handling (read and write mode)	112-115
48.	Define a structure list describe the set of books in a library for each book the members are name of authors,book name, price book . write a program to print five books information to proper format and display information in proper format and display information of book that has highest price.	116-118
49.	Write a c program for input restricted double ended queue	119-125
50.	Write a c program for output restricted double ended queue	126-132
51.	Write a c program for single list queue	133-142