Total No. of Printed Pages: 2

SUBJECT CODE NO:- B-2101
FACULTY OF SCIENCE & TECHNOLOGY
B.Sc. S.Y. (Sem-III)
Examination November/December- 2022
Computer Science Code - CS07
Advance C Programming

[Time: 1:30 Hours]   **[Max. Marks: 50]**

Please check whether you have got the right question paper.

N.B   1) Attempt all questions.
                           2) Illustrate your answer with suitable labeled diagram.

Q. 1	1) What is function? Explain different types of functions.	10
	2) Define structure, Explain declaration and initialization of structure.	10

OR

	1) Explain how to declare & initialization of pointers	10
	2) Write how string handling function strcpy (), strcmp (), strlen (), strupr (). Works in c program.	10

Q. 2	1) Write data conversion function from stdlib.h	10
	2) Explain in details calloc () & malloc ()	10

OR

Write short note on (any four)   20

1) initgraph ()

2) outtextx ()

3) Fread ()

4) Getc () & put c ()

5) Derect graph ()

6) F write ()

Q. 3   Multiple choice questions   10

1. _____is index of the last argument in command line argument.

    a) argc-2   b) argc+2   c) arg   d) Argc-1

2. If the mode include b after the initial letter, it means _____ file

  a) text   b) big   c) Binary   d) Long

3. Use _____ to determine the null terminated message string that corresponding to error code.

  a) strerror()   b) strstr()   c) strfrm()   d) memset ()

4. _____ is a header file which stands for standard library for dynamic memory allocation.

  a) stdlib.h   b) stdio.h   c) memory.h   d) dos.h

5. _____ is use to call a function without using the function name to send parameters.

  a) typedefs   c) Typedefs and function pointer

  b) Function pointer.   d) None

6. Use of function pointer in c is_____

  a) nothing   b) To invoke   c) To call   d) Not present

7. _____ is collection of basic data types.

  a) string   b) Structure   c) char   d) Str and char

8. User define datatype can be derived by_____.

  a) Struct   b) enum   c) typedef   d) All of a, b, c

9. _____ cannot be structure member.

  a) Structure   b) Function   c) Array   d) System

10. The size of union is determine by the size of the _____

  a) First member in the union   c) Big member in the union

  b) Last member in the union   d) Sum of the sizes of all members