FIRST SESSIONAL EXAMINATION, ODD SEMESTER, (2022-2023)
Branch: CS/EE/EC/ME/CE

Time:- 1hr. 30 min   Maximum Marks - 30

Section – A

1. Attempt **ALL** questions in brief.

Q.N.	QUESTION	MARKS	CO	BL
a.	Write the differences between primary and secondary memory.	2	CO1	L1
b.	Define identifier and keyword.	2	CO1	L2
c.	What is role of curly braces { } in C program.	2	CO2	L2

d.	What is the output of the following program
	void main()
	{
	int m=5, n=4;
	clrscr();
	printf("%d", m&n)
	}
		2	CO2	L2

Section – B

2. Attempt any **ONE** of the following.

Q.N.	QUESTION	MARKS	CO	BL
a.	What is bitwise operator in C. Explain with Example.	5	CO2	L2
b.	What is operating system? Explain function of operating system.	5	CO1	L2

3. Attempt any **ONE** of the following.

Q.N.	QUESTION	MARKS	CO	BL
a.	Explain types of input and output statement in C language.	5	CO1	L2
b.	Draw computer memory hierarchy structure and explain each of them.	5	CO1	L6

Section – C

4. Attempt any **ONE** of the following.

Q.N.	QUESTION	MARKS	CO	BL
a.	What is digital computer? Draw a neat block diagram of digital computer and explain its various components?	6	CO1	L2
b.	What is the role of flow chart in programming? Draw a flow chart for finding smallest value among three values input by the user.	6	CO1	L1

5. Attempt any **ONE** of the following.

Q.N.	QUESTION	MARKS	CO	BL
a.	Write a program in C to input any two number and swap them using- i) With using third variable ii)Without using third variable	6	CO2	L6
b.	What is data type in C. Explain different type of data types with format specifier, bytes in memory, range and example of each.	6	CO1	L1