Student Name:	**Printed Pages: 02**
University Roll No.:	

School of Engineering
First Theory Sessional Examination
Odd Semester (AS: 2024-25)
SET - A

B. Tech: CSE(AI) **[Year:1st] [Semester :1st]**

Course Title: Computer Concept & Programming in C	**Max Marks: 30**
Course Code: NCS4101	**Time:** 1hrs

Instructions: 1-Mention any assumptions made.

2-Notations have usual meaning.

	SECTION 'A' **Q.N.1. Attempt all parts of the following:**	**Course Objective**	**Marks**
a)	What is a character set in C?	CO1	1
b)	What do you mean by operating system?	CO1	1
c)	What are identifiers?	CO1	1
d)	What is the keyword?	CO1	1
e)	Define Structured Programming.	CO1	1

	SECTION 'B' **Q.N.2. Attempt any two parts of the following:**	**Course Objective**	**Marks**
a)	Draw a flow chart and write an algorithm to print sum of two numbers	CO1	7.5
b)	Write about Data Types used in C with an example that shows the usage of different data types.	CO1	7.5
c)	Write a C program to swap two variables by using third variable.	CO1	7.5

	SECTION 'C' **Q.N.3. Attempt any one parts of the following:**	**Course Objective**	**Marks**
a)	Explain the arithmetic operator and logical operator used in C.	CO1	10
b)	What do you Understand by precedence and associativity in operators?	CO1	10
c)	Define compiler, interpreter, assembler, loader and linker in respect to programming language.	CO1	10

Table 1: Mapping between COs and questions

COs	Questions Numbers	Total Marks
CO1	1(a,b,c,d,e), 2(a,b,c),3(a,b,c)	57.5