

Student Name:
University Roll No.:

Printed Pages: 02

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'	Course Objective	Marks
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Q.N.1. Attempt all parts of the following:

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
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a) Draw a flow chart and write an algorithm

CO1

7.5

to print sum of two numbers

b) Write about Data Types used in C with an example that shows the usage of different data types.	CO1	7.5
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c) Write a C program to swap two variables by using third variable.	CO1	7.5
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SECTION 'C'

Course Objective	Marks
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Q.N.3. Attempt any one parts of the following:

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

