



SNS COLLEGE OF TECHNOLOGY

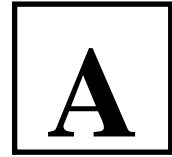
(An Autonomous Institution)

Coimbatore – 641 035.

B.E– Internal Assessment Exam- II

Academic Year 2022-2023 (Even)

Second Semester (Regulation R2019)



19ITT101 – PROGRAMMING IN C AND DATASTRUCTURES

(Common to Mech , MCT,Civil,Auto,Agri)

TIME: 1.5 HOURS

MAXIMUM MARKS: 50

ANSWER ALL QUESTIONS				
PART – A (5*2=10 MARKS)				
1.		Define Looping ? and List its Types.	CO2	REM
2.		Define Arrays?and Declare it.	CO2	UND
3.		How will you Understand Functions?	CO2	UND
4.		What is mean by Array ? How will you declare it?	CO3	ANA
5.		How will you Understand Data Structures?	CO3	ANA
PART – B (2*13=26 Marks, 1*14 = 14 Marks)				
6.	(a) i	Explain in detail about the looping statements in C ? (10)	CO2	REM
	ii	Explain the Internal Static variable in C ? (3)	CO2	REM
	OR			
	(b)	Explain Call by value and Call by reference with Example (13)	CO2	UND
7.	(a)	Define Array ? and Explain its Types with Example. (13)	CO3	APP
	OR			
	(b)	Explain in detail about the pointers in C?(13)	CO3	UND
8.	(a) i	Write a C Program to Accept the array of Integers and sort them in ascending order. (14)	CO2	App
	OR			
	(b)	Write a C Program to accept n integers and stores them in an array called num.and also prints them. (14)	CO3	APP

Und – Understand, Ana – Analysis, Rem – Remember, App – Apply, Cre - Create

Faculty in charge

Verified by

HoD