NEP - Semester End Examination – October 2025

Program: FY.B.Sc.IT – SEM I	**Course:**	Foundation of Programming Skills
Program Code: UGIT01	**Course Code:**	NUIT101

Duration: 1 Hour

Max. Marks: 30

Instructions:
1. All questions are compulsory.
2. Figures to the right indicate full marks.
3. Draw neat diagrams wherever necessary.

Q. 1		Attempt any THREE of the following. (5 Marks each)	[15]	Course Outcome	Knowledge Level
	(a)	Define constants and variables with suitable examples.		CO1	L1
	(b)	Explain the structure of a C program with a simple code example.		CO2	L2
	(c)	Demonstrate the use of scanf() and printf() for reading and displaying values.		CO2	L3
	(d)	Analyze the difference between increment and decrement operators with an example.		CO3	L4
	(f)	Evaluate the advantages and disadvantages of using break in C programming		CO4	L5
	(g)	Construct a small program to find the given number is odd or even.		CO5	L6
Q. 2		Attempt any THREE of the following. (5 Marks each)	[15]	Course Outcome	Knowledge Level
	(a)	List and explain different types of control statements in C		CO1	L1
	(b)	Describe the use of single dimensional array with an example.		CO2	L2
	(c)	Apply the concept of parameterised function in C program.		CO3	L3
	(d)	Explain the concept of pointers and addresses with an example.		CO4	L4
	(e)	Compare the working of while and do-while loops.		CO3	L5
	(g)	Develop a program to open() and close() file"test.txt" using File Functions.		CO5	L6

-- X -- X --