

## School of Engineering and Technology

### Question Bank

**Course Title: Problem Solving Techniques using C**

**Course Code: 24BTPHY104**

**Sem: I**

### Module 2- Managing Inputs and Output Operations

SL NO	QUESTIONS	MARKS	COs	BL
1.	What are formatted and unformatted I/O functions? Explain them with syntax.	8	2	2
2.	What is looping? Explain for ( ) loop with syntax and flow chart.	6	2	2
3.	Differentiate between while ( ) loop and do while ( ) loop.	4	2	4
4.	Explain if, if-else and nested if-else with examples and syntax.	6	2	2
5.	Show how break and continue statements are used in a C-program, with example.	8	2	3
6.	Explain switch statement with syntax and example.	6	2	2
7.	Write the guidelines to use scanf() and printf() functions in C language. What is the purpose of scanf() and printf() statement ?	6	2	3
8.	List all conditional control statements used in C. Explain any two with syntax and example.	8	2	1
9.	Explain ternary/conditional operators in C with syntax and flow chart.	8	2	2
10.	What is branching? List and explain the branching statements with syntax.	10	2	2
11.	What are unconditional control statements? Explain any two with syntax and example.	6	2	2
12.	Explain ternary/conditional operators in C with syntax and flow chart.	6	2	2