JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

Supplementary Examination- 2026

BCA-I Semester

COURSE CODE(CREDITS) 25BC1CI112:   MAX. MARKS: 75

COURSE NAME: PROBLEM-SOLVING TECHNIQUE USING C

COURSE INSTRUCTORS:SRT   MAX. TIME: 2 Hours

Note: (a) *All questions are compulsory.*

(b) *The candidate is allowed to make Suitable numeric assumptions, wherever required for solving problems*

Q.No	Question	CO	Marks
Q1	Draw a flowchart that finds the greatest among three numbers?	CO-2	5
Q2	Define a loop of your choice with proper syntax and example?	CO-2	5
Q3	Write a C program that finds whether a number is an Armstrong number or not?	CO-2	5
Q4	Write a recursive C program that finds the factorial of a number?	CO-3	5
Q5	Write a C program that implements the concept of structures?	CO-3	5
Q6	Explain the concept of functions?	CO-3	5
Q7	Explain the concept of pointers?	CO-3	5