CHITKARA
UNIVERSITY

Ref. No: CUIET/CSE/ACAD/2023/17   Date: 23/01/2023

NOTICE

Test Type: **ST**   Test No: **1**   Total Marks: **40**   Duration: **90 Minutes**

Name of Course Coordinator: **Dr. Ravi K. Sachdeva**

Course Code: **CS153**   Course Title: **Problem Solving using C**

Day: **Friday**   Date: **27/01/2023**   Time: **As per date sheet slots on Chalkpad** Mode: **Online**

Programme & Semester: **B.E. (CSE) & 4th Sem**   Platform: **MAPIT**

Syllabus for Test: **The Problem-Solving aspect, Problem definition phase, Getting started on a problem, The use of specific examples, Similarities among problems, Working backward from the solution, General problem-solving strategies, Introduction to programming in C, First program in C, Variables and Identifiers, Data types, Basic Input Output in C, Formatted IO, Arithmetic Operators, Relational and Logical Operators, Precedence and Associativity of operators, if statement, if-else statement, if statement mistakes, nested if statements, Conditional operators, Switch statement**

Format of Assessment:
No. of Questions: **Q. No. 1-10 (1 mark each), 11-15 (2 marks each), 13-14 (5 marks each), 15 (10 marks)**

Remarks, if any:

Signature of Course Coordinator: Dr. Ravi K. Sachdeva