

## **EXAM INFORMATION**

Title: Programming in C — Exam  
Subject: Pointers, Memory, Functions  
Class/Level: L1 CS  
Duration: 2h  
Instructions: Code must compile.

## **SCENARIO**

You are maintaining legacy C code and must fix several issues.

## **QUESTIONS**

1.

Question: What is a segmentation fault?

Expected answer format: Short explanation

2.

Question: Write a C function that returns the sum of two integers.

Expected answer format: C code

3.

Question: Explain the difference between malloc and calloc.

Expected answer format: Short explanation