Institute of Information Technology, Sri City, Chittoor

COMPUTER PROGRAMMING IN C   DURATION: 90 MINUTES. MAX MARKS: 60.

ROLL NO.: _____   ROOM NO.: _____   SEAT NO.: _____

NAME: _____   INVIGILATOR'S SIGNATURE: _____

Instructions

- This is an open book test. You may carry printed material with you. Borrowing books or any printed material from another student is strictly prohibited.
- You are not allowed to carry any hand written notes.
- Please switch off your mobile phones and any other digital equipment you may have (like smart watches, calculators).
- A negative mark of -1 applies to all questions in Part 3 only when answered incorrectly or partially.
- Write all answers correct up to two decimal places.
- Put down your final answer in this sheet.
- Assume int is 4 bytes long.
- Assume all the necessary include directives are added by the IDE. Also, you may assume that we use Code::Blocks configured with gcc 6.4 on a Windows 10 64-bit Intel Core i5 3230M CPU unless mentioned otherwise. This is same as your instructor's laptop configuration.

Part 1: 5 Questions. Each question carries 1 marks. No negative marks.

Question 1.   What is the output? Assume that the user input is 3.

```c
int main()
{
    int number;
    scanf("%d", &number);
    printf("%d", 2);
}
```

Tick the correct answer:

    (1) 1
    (2) 2
    (3) 3
    (4) 5
    (5) 0

<Questions 2 to 5 go here>

Part 2: 5 Questions. Each question carries 2 marks. No negative marks.
<Questions 6 to 10 go here>

Part 3: 15 Questions. Each question carries 3 marks. -1 for incorrect or partial answer.

<Questions 11 to 25 go here>