

1st Class Test (Introduction to Computing – CS 1101)

Section : F Branch : Electrical Engineering

Time: 1 Hour

Full Mark: 20

1. Compare and contrast(with example) between High level and Low level language? (1+1=2)
2. What is Flowchart? Draw a flowchart for determining whether a number is prime or not? (1+3=4)
3. Describe the four characteristics of C? (4)
4. Write four rules for constructing a variable name. (4*0.5=2)
5. What do you mean by sizeof operator? Give a suitable example.(1+1=2)
6. Find out any error in the following programs. If there is no error, write the output. (1+1=2)

Program 1	Program 2
<pre>int main() { char a=A; printf("%c", a); }</pre>	<pre>int main() { int a=65; printf("%c", 1+a--); }</pre>

7. If the marks obtained by a student in four subjects are input through the keyboard, find out the aggregate marks and percentage marks obtained by the student. Assign Grade according to (4)
 - a) A, if the percentage of marks obtained is ≥ 90
 - b) B, if the percentage of marks obtained is ≥ 80 and < 90
 - c) C, if the percentage of marks obtained is ≥ 70 and < 80 otherwise F.

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