

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

Section : E Branch : Electrical Engineering

Time: 1 Hour

Full Mark: 20

1. Describes the different types of Computer? (4)
2. What is an Algorithm? Explain the characteristics of an Algorithm? (1+3=4)
3. What do you mean by Input/Output operations? What are the keywords used for the mentioned operation in C? (1+1=2)
4. Why do we use type casting?(2)
5. What do you mean by precedence & associativity of operators? (2)
6. What will be the output of the following program? (1+1=2)

Program 1	Program 2
<pre>int main() { int a; a=5/2; printf("%d", a); }</pre>	<pre>int main() { float a; a = 22 * (3.14 + 2) + 5 ; printf("%f", a); }</pre>

7. If a five-digit number is input through the keyboard, write a program to calculate the sum of its digits.(4)

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