

CCA-101: Fundamentals of IT & Programming

Assignment - 2

Q1. What is the difference between Machine Language and High Level Language?

Q2. Discuss about different data types of C programming Language.

Q3. Find the output of the following expressions

a) $X=20/5*2+30-5$ b) $Y=30 - (40/10+6) +10$ c) $Z= 40*2/10-2+10$

Q4. Describe the syntax of the following statements

a) If – else statement b) for loop c) while loop d) do-while loop

Q5. Find the output of the following program segments

a)	b)	c)
<pre>#include <stdio.h> int main() { int i; for (i=1; i<2; i++) { printf("IMS Ghaziabad\n"); } }</pre>	<pre>#include <stdio.h> int main() { int i = 1; while (i <= 2) { printf("IMS Ghaziabad\n"); i = i + 1; } }</pre>	<pre>#include <stdio.h> void main() { int a = 10, b=100; if(a > b) printf("Largest number is %d\n", a); else printf("Largest number is %d\n", b); }</pre>