Ruchi verma

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT TEST -1 EXAMINATION- September 2016

B.Tech/ 1st Semester

COURSE CODE: 13B21CI121	MAX. MARKS: 15
COURSE NAME: Introduction to Computers and	Basic Programming
COURSE CREDITS: 04	MAX. TIME: 1Hr
Note: All questions are compulsory. Carrying of reated as case of unfair means. Xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	
(1) Fill in the blanks	(0.5 mark each)
machine language. ii. A key problem with procedural programm mirror real-world entities, so these units ar iii. The C preprocessor obeys special comma certain manipulations are to be performed iv. Errors like when a program is time errors. v and similar trends are in rel have for programs, the amount of secondary.	ands called, which indicate that on the program before compilation. running is called runtime errors or execution ation to the amount of memory that computers ry storage they have to hold programs and data cessor speeds—the speeds at which computers liler cannot recognize a statement.
void main() { int a: float b,c,d; c = 5.0; In the above example: *,/,-,+ are the operators. = is the operator.	(1 mark)
a is an variable.	

(3) What is the output of the following code?
void main()
{
 int x = 3, y = 5;
 if (x == 3)
 printf("\n%d", x);
 else;
 printf("\n%d", y);

(1 mark)

- 4) While purchasing certain items, a discount of 10% is offered if the quantity purchased is more than 1000. If quantity and price per item are input through the keyboard, write a program to calculate the total expenses.

 (3.5 marks)
- 5) Write a flowchart to check if a number is prime or not.

(3.5 marks)

6) Explain the Von Neumann Model in detail.

(3.0 marks)