

Timing
Date: 22/12/2015.

Student Exam No. _____

GANPAT UNIVERSITY

B. Tech/ Semester: I & II (ALL)

Regular/Remedial/CBCS (NEW) Examination Nov-Dec2015

2CE101: Computer Programming

Time: 3 Hours]

[Total Marks: 60

- Instruction:** 1: Figures to right side indicated full marks.
2: Each section should be written in a separate answer book.
3: Assume suitable data if required.
4: Be precise and to the point in your answer.

Section – I

- Que. – 1 [A] Draw Basic structure of C Program. Explain each section in Detail. 04
[B] What is C tokens? List out all C tokens. Explain any three in detail. 04
[C] Explain #define statement with example. 02

OR

- Que. – 1 [A] Explain process of compiling and running a C Program. 04
[B] List out all datatype used in C language. Describe primary datatype used in C language. 04
[C] Comment “C is mid-level language”? 02

- Que. – 2 [A] What is the different between Implicit and Explicit Type Casting? Explain it with example. 04
[B] Write a C program which scans any integer and then finds the sum of all the digits of the number. 04
[C] Write down use of goto statement with example in C language. 02

OR

- Que. – 2 [A] Write a C Program which find maximum number among three number using Conditional operator. 04
[B] Explain Switch Statement with the help of program in C language. 04
[C] Write-down all operator used in C language. Explain Assignment operator. 02

- Que. – 3 [A] Write a C Program which find entered number is prime or not. 04
[B] Give the different between following. 04
1) Printf() and scanf() 2) break and continue.
[C] Draw the Flow chart of else..if ladder in C language. 02

Section – II

Que. – 4 [A] Is String is a Datatype in C language? How to read string from terminal. 04
Explain it with example.

[B] Write a C program to find Addition of n*m matrix. 04

[C] Write output of the following C program.

(1) void main()

{

int x;

x=4%5+6%5;

printf("%d",x);

}

(2) void main()

{

int a=30,b=40,x;

x=(a!=10) && (b =50);

printf("x=%d",x);

}

02

OR

Que. – 4 [A] Explain compile and runtime Initialization process of one-dimensional arrays. 04

[B] Write a program to find the length of a string without using strlen() function. 04

[C] What is the use of strcmp() function. Explain it in brief. 02

Que. – 5 [A] List out category of function. Explain any one with example. 04

[B] What is Exit-controlled loop? Explain it with suitable example. 04

[C] What is the need of user define function in C language. 02

OR

Que. – 5 [A] Write general syntax of for statement. Explain Nesting of for loops. 04

[B] Write a C Program which contain user define function as lineprint() that will take two argument, a character and an integer. The character should be printed the no of times specified by the integer value. 04

[C] Explain definition of function element of user define function. 02

Que. – 6 [A] Write a C program which finds the maximum element from one dimensional integer array. 04

[B] Write a program to generate Fibonacci series (e.g. 1 1 2 3 5 8 13). 04

[C] Define Following: 02

1) Array 2) strcat()

END OF PAPER