

Q.4 How many types of decision making statements are used in C Language? Give example.

Q.5 Define:-

(a) Various software applications used in Electronic Engineering

(b) What is the difference between friend function and function?

Q.6 Draw a flow chart to check whether number n is prime or not.

Q.7 Define:-

(a) Explain various types of library functions used in C language.

(b) Write down steps to create a database in Fixpro/Access.

No. of Printed Pages : 4

Roll No.

31333

3rd Sem. / IPM.

Subject : Computer Programming and Applications

Time : 3 Hrs.

M.M. : 100

SECTION-A

Note: Very Short Answer type questions. Attempt any 15 parts. (15x2=30)

Q.1 a) Define LLL.

b) What do you mean by Access?

c) What is the difference between compiler and interpreter?

d) What is the purpose of printf() function?

e) Define use of stremp() functions in C language.

f) What is the use of break statement.

g) What is if else statement used for?

h) Define METALAB.

i) What is the use of logical operator?

j) What is flow chart?

(40)

(4)

31333

(1)

31333

- k) What is use for "memcpy"
- l) Define friend function used in C language.
- m) How can I convert a string to a number?
- n) What is use of void in C program?
- o) What is pointer?
- p) What do you mean by 2D array?
- q) What do you mean by variable?
- r) What is recursion?

SECTION-B

Note: Short answer type questions. Attempt any ten parts 10x4=40

- Q.2
- i) What is the difference between Call by Value and Call by reference?
 - ii) What do you mean by Assignment operator and Logical operator?
 - iii) Explain any four important advantages operator of C Language?
 - iv) Write a program to multiply two numbers.
 - v) Define GOTO Statement with example.
 - vi) Explain various data types used in C language?

(2)

31333

- vii) Differentiate between structure and pointer?
- viii) What is the use of Switch statement in C language? Give example.
- ix) What do you mean by header files? Explain two header files used in C.
- x) What is the difference between Flowchart and Algorithm?
- xi) Is it possible to execute code even after the program exits the main() function?
- xii) Write a program to find out results of BTech batch (>50 pass otherwise Fail)
- xiii) What is the difference between && And || Operators? Give examples.
- xiv) What do you mean by input output functions?
- xv) What is the difference between do while and while statements?

SECTION-C

Note: Long answer type questions. Attempt any three questions. 3x10=30

- Q.3 Define Arrays? Write a program to multiply two matrices.

(3)

31333