

S.B. Roll No.....

**COMPUTER PROGRAMMING USING 'C'**  
**3<sup>rd</sup> Exam/COMP/IT/CSE/0625/May'18**

**Duration: 3Hrs.**

**M.Marks:75**

**SECTION-A**

**Q1. Do as directed.**

**10x1.5=15**

- a. An ally is a collection of variables of the same type(T/F)
- b. Operators and values are combined to form..... .
- c. ....statements are used to read the contents of a specified file.
- d. Include statements are typically used to give names for constants(T/F)
- e. In count; statements are typically used to give names for constants (T/F).
- f. == is .....operator.
- g. Arrays always number from..... .
- h. The..... loop keeps repeating an action until an associated test returns false.
- i. In input/output statement, date is read in or printed out (T/F).
- j. ....allows formatted reading of data from the keyboard.

**SECTION-B**

**Q2. Attempt any five questions.**

**5x6=30**

- i. Write basic functions that every c program contain.
- ii. Write a program to add up all of the integers in a single dimensioned array.
- iii. Write a program that adds three integers and print their sum.
- iv. What are basic I/O library factions in C?
- v. Explain various relational Operators in C.
- vi. Write a program which reads a line, stores it in a buffer, and prints its length.

**SECTION-C**

**Q3. Attempt any three questions.**

**3x10=30**

- a. Discuss the various storage classes available in C.
- b. Explain various data types available in C.
- c. Write advantages of c program. Explain basic built in data types in C.
- d. Write short notes on
  - i. Files
  - ii. Pointers