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**Paper Code :DCS-101**

**Roll No.**

**DCA-1, ADCA-1, BCA-1**

**1<sup>st</sup> Year Examination, Academic Batch 2018**

**Computer Fundamental and Programming in C**

*Time : 3 Hours ]*

*[ Max. Marks : 100*

*Note. Attempt any **five** questions. Each questions carry equal marks.*

Q1: Draw the block diagram of a computer & define each part?

Q2: Write a short note on the following with example:

- a. ASCII code      b. EBCDIC

Q3: Write is memory? Define each part of it with the diagram of memory?

Q4: Draw a flow chart and write the algorithm for find the factorial?

Q.5. Write a short note on the following:

- a. Unary Operator in C
- b. Assignment & Equal Operator

Q.6. Define Call by value and Call by reference with a suitable example?

Q.7. What are the data types used in C programming? Define each in detail with example?

Q.8. Write a program which reads 2 integer numbers and find their sum, multiplication, division using a separate function for each ?