INTERNAL ASSESSMENT [UG-G-CC-L-301C]
DATABASE MANAGEMENT SYSTEMS [CC-1C]
[NEW SYLLABUS]

TIME -30 minutes

ANSWER ANY TWO QUESTIONS: **(2X5=10)**

1. Explain Natural Join operation by means of an example.
2. Briefly describe E-R Model with an example of Banking System?
3. What do you mean by Normalization. Explain 1NF,2NFand 3NF in details.
4. What is Relational Algebra ? Write short notes on Cartesian Product.
5. What do you mean by Relational Calculus? Briefly describe Tuple and Domain Relational Calculus.

KANDI RAJ COLLEGE
BSC SEM III [GEN]
(COMPUTER SCIENCE)

TIME -30 minutes

INTERNAL ASSESSMENT [UG-G-CC-L-301C]
ANALYSIS OF ALGORITHMS AND DATA STRUCTURES [CC-1C]
[OLD SYLLABUS]

ANSWER ANY TWO QUESTIONS: **(2X5=10)**

1. Briefly describe Linear search and Binary search.
2. What is an algorithm? Define Data Structure. Write down the major operations of Data Structure.
3. Explain Bubble sort by means of an example. Write down the algorithm of quick sort.
4. What is Linked List? Write down the algorithm for searching an item in a linked list, if list is sorted.
5. What is Recursion in data structure? Write sort notes on Binary Tree.
6. Briefly describe Stack and Queue by means of an example.

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TIME -30 minutes

SEC INTERNAL ASSESSMENT [UG-G-SEC-P-301]
OFFICE AUTOMATION TOOLS   [SEC 1]

ANSWER ANY ONE QUESTION: **(5X1=5)**

1. What is MS Office? Write all the steps to generate a letter head of your college.
2. What is MS EXCEL. Write all the steps to make a pie chart.
3. What do you mean by presentation .Write all the steps to make a complete database with report.