SRI BHAGAWAN MAHAVEER JAIN COLLEGE Vishweshwarapuram, Bangalore. **Mock Paper 2**	**Course:**	II PUC
	Subject:	Computer Science
	Max. Marks:	70
	Duration:	3:00

PART A

I	**Answer all the questions. Each question carries ONE mark.**	**1 x 10=10**
1	What is BIOS?	
2	What is meant by universal gate?	
3	What is the other name of queue?	
4	What are data members?	
5	How to declare a pointer?	
6	Define primary key.	
7	Expand SIM.	
8	Expand GPRS.	
9	What is gopher?	
10	What is web hosting?	

PART B

II	**Answer any FIVE questions . Each question carries TWO marks.**	**2 x 5 = 10**
11	State and prove idempotence law.	
12	Convert X+Y to minterms.	
13	Explain abstraction.	
14	When is copy constructor used in a program?	
15	Write the purpose of putc() and write()	
16	Write any 2 advantages of ISAM.	
17	Explain any two constraints used in SQL.	
18	Explain HTTP and FTP.	

PART C

III	**Answer any FIVE questions . Each question carries THREE marks.**	**3 x 5 =15**
19	Explain the characteristics of motherboard.	
20	Explain XNOR gate.	
21	Write an algorithm to insert an element to a queue.	
22	Explain new and delete operator.	
23	Explain the types of files.	
24	Write any 3 codd's rule.	
25	Explain the terms	a)
GNU	b) FSF	c) W3C
26	Explain the features of DHTML	

PART – D

IV	**Answer any SEVEN questions. Each question carries FIVE marks.**	**5 x 7=35**
27	State and prove De Morgan's theorem algebraically	
28	Explain array representation of stack.	
29	Apply binary search method to search an element 55 in array 5 10 15 20 25 55.	
30	Explain 5 limitations of OOPS.	
31	Explain member function definition inside a class.	
32	Explain advantages and disadvantages of inline function.	
33	What is constructor? Explain syntax with example.	
34	Explain the types of inheritance with example	
35	Explain the advantages of data warehouse.	
36	Explain DML commands.	
37	Explain the types of switching techniques.	