



Sant Lal Institute of Management and Information Technology

Internal Assignment

MCA 1th Sem

DIT

Q 1. What is computer define its characteristics and different type of computer generation.

Q2. Write notes on Input and Output device?

Q3. What is difference between Compiler and Interpreter and write brief notes on Low/High level Languages.

Q4. Define SDLC and its stages with diagram.

Q5. Write brief notes on following

- Database
- Integrity rule
- ASCII Code
- Transmission modes
- OSI Model

Computer Organization & Architecture

Q.1 what is Computer? What is Software? Explain its type. Where it is applied?

Q2. What are the Logic Gates? Explain in detail and also explain the Universal Gates with truth table.

Q3. Convert the following into Decimal, Octal and Hexadecimal.

- a.110010
- b. 1010101
- c.100001

Q4. What is Multiprocessing? Explain Serial and parallel processing in brief.

Q5. Write down notes on following

- Flash Memory
- CD
- R
- RISC
- SISC

Basic Mathematics

Q1. What is limit and continuity of a function and define equality of a limit?

Q2. Define Matrix and Its properties

Q 3. What is a set and explain with example

Q 4. Define geometric and harmonic progression and its Example?

Q5. Brief explain from following

- A. Onto and into function
- B. Quadratic equation
- C. Series
- D. One – One function

C language

Q1. What is C language? Define in brief.

Q2. Write a program to input a string and determine it is Palindrome or not.

Q3. What is ASCII? Write a program to show the ASCII of 'a' to 'z'.

Q4. What is Loop? Where it is applied? Write a program to print the following

a) *	b) 1	c) 54321
***	121	4321
*****	12321	321
***	121	21
*	1	1

Q5. What is Recursion? Write a Program to calculate the factorial of a given number using recursion.

BUSINESS COMMUNICATION

Q.1 what is communication? & how many types of communication?

Q.2 Discuss the 7th c of communication?

Q.3 Discuss the important of Agenda?

Q.4 Explain the type of letter with suitable example?

Q.5 Relationship between verbal and non verbal communication?