

This document is a part of Main Course File

Document No.: CFM – 8



SARDAR VALLABHBHAI PATEL EDUCATION SOCIETY
MANAGED

N. G. PATEL POLYTECHNIC

INFORMATION TECHNOLOGY

FORMAT FOR ASSIGNMENTS

Course Name (With Code): INTRODUCTION TO IT SYSTEMS (4311602)

Semester / Year: 1st SEM / 1st YEAR

Assignment Number: 1

Assignment CO Number: DI01016021.2

Sr. No.	Questions related to Course Outcomes
Part – A Questions carrying 3 Marks	
1	Explain Block Diagram of Digital computer.
2	Convert $(57)_{10} = (\text{---})_2$ And $(54.43)_{10} = (\text{---})_2$
3	Convert $(4A5B)_{16} = (\text{---})_2$
4	Explain NOT Gate with Truth Table.
5	Convert $(101001.1110)_2 = (\text{---})_{10}$
Part – B Questions carrying 4 Marks	
1	Explain AND , OR Gate with Truth Table
2	Convert $(834)_{10} = (\text{---})_8$
3	Convert $(1011001011)_2 = (\text{---})_8$
4	Convert $(A34B.C)_{16} = (\text{---})_{10}$ And $(4C3B)_{16} = (\text{---})_8$
Part – C Questions carrying 7 Marks	
1	Explain UNIVERSAL Gates with Truth Table.
2	Explain EX-OR and EX-NOR gate with Truth Table.

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Signature of Head of Department