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: First/First

Assignment Number: 4

Assignment CO Number: DI01016021.4

Sr. No.	Questions related to Course Outcomes
Part – A	**Questions carrying 3 Marks**
1	Explain Transmission Modes.
2	Differentiate synchronous and Asynchronous transmission.
3	Differentiate Serial and Parallel Transmission.
4	Define Modulation and list out types of modulation.
5	Explain frequency modulation in details.
6	List out an analog and digital modulation types.
Part – B	**Questions carrying 4 Marks**
1	Define multiplexing and demultiplexing.
2	Explain FDM,TDM,WDM.
3	explain co-axial cable.
4	List communication media.
Part – C	**Questions carrying 7 Marks**
1	Explain fiber optics.
2	Explain Ethernet and Rj-45.
3	Explain shielded and unshielded twisted pair cable.

Prepared By: Mr. YASH U. PRAJAPATI	Signature of I/C Head of Department