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): Foundation of Block Chain (4361603)

Semester / Year: Sixth/Third

Assignment Number: 1

Assignment CO Number: 4361603.e

Sr. No.	Questions related to Course Outcomes
Part – A	**Questions carrying 3 Marks**
1	With respect to transaction in a blockchain network, define the terms "Confirmation" and "Finality"
2	Compare Hard Fork and Soft Fork in Blockchain.
3	Short Note on: Consensus Mechanism in Blockchain.
Part – B	**Questions carrying 4 Marks**
1	Differentiate Proof of Work and Proof of Stake.
2	List various types of consensus mechanisms and explain any one in detail.
3	What is 51 % attack and how does it work?
Part – C	**Questions carrying 7 Marks**
1	With respect to blockchain network, explain sybil attack.

Prepared By: B.G.PATEL	**Signature of Head of Department**