	SARDAR VALLABHBHAI PATEL EDUCATION SOCIETY MANAGED # N. G. PATEL POLYTECHNIC **INFORMATION TECHNOLOGY**

FORMAT FOR ASSIGNMENTS

Course Name (With Code): Cloud and Data Center Technologies (4361602)

Semester / Year: Sixth/Third

Assignment Number: 1

Assignment CO Number: 4361602.b

Sr. No.	Questions related to Course Outcomes
Part – A	**Questions carrying 3 Marks**
1	Define virtualization. Give characteristics of virtualization.
2	List and explain the major components of virtualization environment.
3	Explain Application-level virtualization.
Part – B	**Questions carrying 4 Marks**
1	Distinguish between Para virtualization and full virtualization.
2	Justify with example: Renting resources on cloud is more beneficial then actually buying them for small and midcap companies.
3	Describe hardware and software virtualization.
Part – C	**Questions carrying 7 Marks**
1	Define hypervisors. Explain Type 1 and Type 2 hypervisors.

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