

ELECTRONICS TECHNOLOGY

Scheme of Examination

Std. XII

Paper	Title of the Paper	Theory		Practical		Term work	Project work	I.V. *	OJT **	Total Marks
		Marks	Time (Hrs)	Marks	Time (Hrs)					
2	Modern Instruments & Communication systems	80	3	80	3	10	10	10	10	200

* IV = Industrial Visits

** OJT = On Job Training

Paper II: Modern Instruments and Communication Systems

Theory

Sr. No.	Unit	Sub-unit	Periods
1.	Transducers	1.1 Introduction	25
		1.2 Resistive Transducers	
		1.3 Capacitive Transducers	
		1.4 Inductive Transducers	
		1.5 Optical Transducers	
		1.6 Active Transducers	
2.	Electronic Instruments	2.1 CRO	20
		2.2 DMM	
		2.3 Frequency generator	
3.	Electronic Communication	3.1 Analog Communication	28
		3.2 Modulations Satellite Communication	
		3.3 Digital Communication	
		3.4 Fibre –optic Communication	
		3.5 Cell-Phones	
4.	Communication Devices	4.1 Wireless communication devices	10
5.	TV receivers	5.1 TV receivers	22
6.	Consumer Electronic Appliances	6.1 Home Appliances, Commercial Appliances	15
Total Marks			120