

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)					
3	Computer Hardware & Networking	80	3	80	3	10	10	10	10	200

* IV = Industrial Visits ** OJT = On Job Training

Practical

Sr. No.	List of Practical's	Periods
1.	Drawing Sheet of Architecture and pin diagram of 8085 microprocessor.	9
2.	Drawing Sheet of microprocessor Kit.	9
3.	Introduction to operate microprocessor 8085 kit	9
4.	Write a program to store data by different instructions.	9
5.	Draw flow chart and write a program of simple addition (direct and indirect addressing mode).	9
6.	Draw flow chart and write a program of simple addition (indirect Addressing mode).	9
7.	Write simple program to study Logical and branch instructions	9
8.	Write a Program to find largest number.	9
9.	Write a program to find Block Move.	9
10.	Write a program to find smallest number.	9
11.	Write a program to exchange that contains two blocks.	9
12.	Write a program to find multiply two numbers.	9
13.	Drawing sheet of Architecture of 8051 microcontroller	9
14.	Draw the sheets of different connectivity devices like Modem, Hub, Repeaters and Routers.	9
15.	Draw the sheets of LAN,MAN, WAN	9
16.	Draw the sheets of Network topologies (Star, Bus, Ring)	9
17.	Identify and list out different part of personal computer	9
18.	Introduce procedure of installation and configuration of mother board.	9
19.	Installation of OS windows 7 / windows - 8	9
20.	Troubleshoot and rectify the problems of personal computer such as Power failure no, display etc.	9
21.	Project, Industrial Visit,	60
	Total	240