

**STATE BOARD OF TECHNICAL EDUCATION, BIHAR**  
**Scheme of Teaching and Examinations for**  
**Ist Semester DIPLOMA in Electrical Engg./ Mechanical Engg. /C.Sc&Engg.**

**(Group-I)**

**(Effective from Session 2016-17)**

**THEORY**

Sr. No.	SUBJECTS	SUBJECT CODE	TEACHING SCHEME			EXAMINATION – SCHEME					Credits
			Periods per Week	Hours of Exam.	Teacher's Assessment (TA) Marks (A)	Class Test(CT) Marks (B)	End Semester Exam. (ESE) Marks (C)	Total Marks (A+B+C)	Pass Marks ESE	Pass Marks in the Subject	
1.	Basic Physics	01101	02	03	10	20	70	100	28	40	2
2.	Basic Chemistry	01102	02	03	10	20	70	100	28	40	2
3.	Basic Mathematics	01103	05	03	10	20	70	100	28	40	5
4.	Communication Skill-I	01104	02	03	10	20	70	100	28	40	2
5.	Engg. Graphics	01105	02	03	-	-	30	30	12	12	2
6.	Computer Fundamentals	01106	02	03	-	-	50	50	20	20	2
			15			Total:-	360	480			

**PRACTICAL**

Sr. No.	SUBJECTS	SUBJECT CODE	TEACHING SCHEME Periods per Week	Hours of Exam.	EXAMINATION – SCHEME			Pass Marks in the Subject	Credits
					Practical (ESE)		Total Marks (A+B)		
					Internal	External			
7.	Basic Physics Lab.	01107	02	03	15	35	50	20	1
8.	Basic Chemistry Lab	01108	02	03	15	35	50	20	1
9.	Computer Fundamental	01109	02	03	15	35	50	20	1
10.	Basic Workshop Practice	01110	02	06	15	35	50	20	1
<b>08</b>					<b>Total:-</b>		<b>200</b>		

**TERM WORK**

Sr. No.	SUBJECTS	SUBJECT CODE	TEACHING SCHEME Periods per week	EXAMINATION – SCHEME				Credits
				Marks of Internal Examiner (X)	Marks of External Examiner (Y)	Total Marks (X+Y)	Pass Marks in the Subject	
11.	English (Language Lab)	01111	02	25	00	25	10	1
12.	Engg. Graphics	01112	04	06	14	20	08	2
13.	Basic Workshop Practice	01113	04	07	18	25	10	2
<b>Total:- 10</b>						<b>70</b>		
<b>Total Periods per week Each of duration One Hour</b>				<b>33</b>	<b>Total Marks = 750</b>			<b>24</b>