VII (a)

LIST OF TABLES

Sr. No.	Title	Page
1.	Classification of Adolescents based on I.Q.	50
2.	Means Grade-wise as well as sex-wise for the four problems of stating of Hypotheses.	58
3.	Mean and S.D. Grade-wise as well as sex-wise for the total scores of stating of Hypotheses.	59
4.	Mean Grade-wise as well as sex-wise for the four problems of testing of Hypotheses.	7/73
5.	Mean and S.D. Grade-wise as well as sex-wise for the total scores of testing of Hypotheses.	74
6.	Mean and S.D. Grade-wise as well as sex-wise for the achievement in science and abiity to do controlled experimentation.	79
7.	Sample Responses at four levels (0,1,2, and 3) Grade-wise and sex-wise on the two variables of the flow of liquid through a tube problem.	81
8.	Sample Responses at four levels (0,1,2 and 3) Grade-wise and sex-wise on the two variables of the simple pendulum problem.	99
9.	Sample Responses at four levels (0,1,2 and 3) Grade-wise and sex-wise on the two variables of the Ramp Problem.	112
10.	Sample Responses at three levels, (0,1 and 2) for the three questions of the Worms Problem.	123

vii (b)

Sr.No.	Title	Page
11	't' test of Hypothesis (i)	125
12	't' test of Hypothesis (ii)	126
13	't' test of Hypothesis (iii)	127
14	't' test of Hypothesis (iv)	127
15	't' test of Hypothesis (v)	128
16	tt test of Hypothesis (vi)	129
17	't' test of Hypothesis (vii)	130
18	't' test of Hypothesis (viii)	131
19	't' test of Hypothesis (ix)	131
20	't' test of Hypothesis (x)	132
21	't' test of Hypothesis (xi)	133
22	't' test of Hypothesis (xii)	134

