## LIST OF TABLES

| Sr. No. | TABLES | Page No. |
| :---: | :---: | :---: |
| 1. | Number of Male and Female student-teachers from the four Colleges of Education in Kolhapur city | 49 |
| 2. | Formal Operational Thinking ability of student-teachers of Government College of Education and student-teachers of Private non-aided Colleges of Education. | 67 |
| 3. | Means College-wise as well as Sex-wise for the four problems of Stating of Hypotheses. | 78 |
| 4. | Mean and S. D. College-wise as well as Sex-wise for the total scores of Stating of Hypotheses. | 80 |
| 5. | Mean and S. D. Both types of Colleges of Education together as well as Sex-wise for total scores of Stating of Hypotheses. | 81 |
| 6. | Means College-wise as well as Sex-wise for the four problems of Testing of Hypotheses. | 94 |
| 7. | Mean ans S. D. College -wise as well as Sex-wise for the total scores of Testing of Hypotheses. | 97 |
| 8. | Mean and S. D. Both types of College of Education together as well as Sex-wise for the total scores of Testing of Hypotheses. | 98 |

9. Sample Responses at four levels (0, 1, 2 and 3) ..... 100
College-wise and Sex-wise on the two variable of theflow of liquid through a tube problem.
10. Sample Responses at four levels (0, 1, 2 and 3) ..... 104College-wise and Sex-wise on the two variable of thesimple pendulum problem.
11. Sample Responses at four levels (0, 1, 2 and 3) ..... 108
College-wise and Sex-wise on the two variable of the ramp problem.
12. Sample Responses at three levels (0, 1, and 2) ..... 112
for the three questions of the worms problem.
13 't' test of Hypothesis 1 ..... 116
14 't' test of Hypothesis 2 ..... 117
15 't' test of Hypothesis 3 ..... 118
16 't' test of Hypothesis 4 ..... 119
17 't' test of Hypothesis 5 ..... 120
