

## APPENDIX I

### PRE TEST QUESTION PAPER

Title of the research:-A study of impact of Vedic Calculation  
Technique on mathematics learning

Personal Information	
Name	
Roll no	
School Name	

Instructions:-All provided information will be kept confidential and will be used for research purpose only.

### MATHEMATICS CLASS 3

TIME:- 10 MINUTES 10 MARKS

Each question carry 1 mark

1.Solve the following:

a.  $35+46=$  \_\_\_\_\_

b.  $75+64=$  \_\_\_\_\_

c.  $38+99=$  \_\_\_\_\_

d.  $218+498=$  \_\_\_\_\_

e.  $487+245=$  \_\_\_\_\_

2.Solve the following:

a.  $60-40=$  \_\_\_\_\_

b.  $25-10=$  \_\_\_\_\_

c.  $500-204=$  \_\_\_\_\_

d.  $573-84=$  \_\_\_\_\_

e.  $642-413=$  \_\_\_\_\_

## APPENDIX II

### POST TEST QUESTION PAPER

Title of the research:-A study of impact of Vedic Calculation  
Technique on mathematics learning

Personal Information	
Name	
Roll no	
School Name	

Instructions:-All provided information will be kept confidential and will be used for research purpose only.

### MATHEMATICS CLASS 3

TIME:- 10 MINUTES 10 MARKS

Each question carry 1 mark

1.Solve the following:

a.  $80+64=$  \_\_\_\_\_

b.  $175+64=$  \_\_\_\_\_

c.  $59+40=$  \_\_\_\_\_

d.  $321+543=$  \_\_\_\_\_

e.  $568+327=$  \_\_\_\_\_

2.Solve the following:

a.  $87-36=$  \_\_\_\_\_

b.  $54-27=$  \_\_\_\_\_

c.  $876-304=$  \_\_\_\_\_

d.  $645-78=$  \_\_\_\_\_

e.  $786-547=$  \_\_\_\_\_

### APPENDIX III

#### MARK STATEMENT OF STUDENT

SL NO	PRE TEST MARK	PRE TEST TIME (in second)	POST TEST MARK	POST TEST TIME (in second)
1	10	362	10	340
2	7	443	8	445
3	8	417	8	431
4	6	514	7	360
5	4	465	5	472
6	6	455	6	310
7	7	575	8	558
8	3	374	5	389
9	6	392	7	250
10	7	499	5	369
11	4	438	6	370
12	2	405	3	430
13	5	534	7	554
14	6	468	7	345
15	4	574	6	498
16	5	454	6	397
17	2	396	3	365
18	3	503	3	493
19	7	431	8	434
20	5	467	7	482