READ INDIA

Mathematics

Teacher's Manual

Class I

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READ INDIA

Chapter 1 : Learning Basic

Page 7 : **On-Under and Above - Below**

The books are on the table.

A doll is under the table.

A fan is on the boy.

A boy is under the fan.

Page 11 : **Natch the correct word for each animal :**

Tiger   Faster

Parrot   Smallest

Giraffe   Tallest

Whale   Biggest

Sloth   Slowest

Chapter 2 : Number 1 to 9

Page 13 : **Write the value in the circle :**

4 is just before 5.   8 is between 7 and 9.

4 is between 3 and 5.   7 is just before 8.

7 is just after 6.   5 is just after 4.

1 is just before 2.   3 is just after 2.

5 is just before 6.   3 is between 2 and 4.

8 is just after 7.   6 is between 5 and 7.

9 is just after 8.   6 is just before 7.

Page 16 : **Put the correct sign >, < or = in the circle :**

$9 > 7$

$6 < 8$

$3 = 3$

$8 < 9$

$9 > 5$

$4 = 4$

Page 18 : **Put the correct sign >, < or = in the circle :**

$9 > 4$ $5 < 9$ $2 < 7$

$3 < 7$ $7 > 6$ $7 < 9$

$6 > 5$ $4 < 9$ $1 < 4$

2 < 8	6 > 2	3 < 5
9 > 8	5 > 2	8 > 5
2 < 5	9 > 5	3 > 2
8 > 4	9 > 6	4 < 3

Chapter 3 : Counting 10 to 20

Page 25 : Before - Between - After

Just before	*In Between*	*Just After*
11 12	10 11 12	9 10
16 17	9 10 11	13 14
18 19	14 15 16	19 20
14 15	18 19 20	17 18
9 10	13 14 15	12 13
15 16	17 18 19	18 19
12 13	19 20 21	16 17
13 14	12 13 14	11 12

Page 26   Put the correct sign >, < or = in the circle :

17 < 19	15 < 17	16 = 16
18 < 19	20 > 18	19 = 19
13 > 10		

Page 27   Arrange the following in ascending order :

12	13	17	18
10	14	17	18
11	17	19	20
12	13	18	19
13	16	17	20

Page 28   Arrange the following is descending order :

19	16	15	12
20	17	15	13
19	18	16	11
20	17	12	10
18	17	16	13

Chapter 4 : Addition

Page 33 : **Add by drawing line, One has been done for you :**

$1 + 2 = 3$	$3 + 4 = 7$	$2 + 3 = 5$
$5 + 4 = 9$	$2 + 5 = 7$	$3 + 6 = 9$
$7 + 1 = 8$	$4 + 2 = 6$	$3 + 5 = 8$

Page 34 : **Addition on number 10 to 20 by drawing lines :**

$11 + 5 = 16$	$11 + 8 = 19$
$13 + 6 = 19$	$10 + 10 = 20$

Fill in the circle :

$2 + 5 = 7$	$1 + 8 = 9$
$8 + 6 = 14$	$10 + 4 = 14$
$7 + 7 = 14$	$11 + 5 = 16$
$9 + 1 = 10$	$3 + 7 = 10$
$6 + 6 = 12$	$6 + 10 = 16$

Page 35 **Add 0 (Zero) and fill up the empty boxes :**

$15 + 0 = 15$	$14 + 0 = 14$
$0 + 9 = 9$	$1 + 0 = 1$
$0 + 17 = 17$	$0 + 11 = 11$

Page 36 **Now add the following on the number line :**

$6 + 8 = 14$

$9 + 7 = 16$

$7 + 3 = 10$

Page 37 **Word problems**

2. $4 + 7 = 11$

3. $5 + 10 = 15$

4. $16 + 12 = 28$

5. $18 + 15 = 33$

Page 38 **On the ground**

I saw 7 players in all.

I found 8 bats in all.

I saw 3 umpires in all.

1 saw 7 kits in all.

Chapter 5 : Subtraction

Page 41 : Subtract the following and fill in the square

$9 - 5 = 4$

$10 - 4 = 6$

Page 42 : Subtract by drawing line :

$7 - 5 = 2$	$8 - 2 = 6$	$6 - 3 = 3$
$9 - 2 = 7$	$5 - 1 = 4$	$4 - 3 = 1$
$8 - 5 = 3$	$6 - 5 = 1$	$9 - 1 = 8$

Page 44 : Subtract

$20 - 10 = 10$	$24 - 13 = 11$	$18 - 11 = 07$
$19 - 06 = 13$	$22 - 20 = 02$	$17 - 15 = 02$
$12 - 05 = 07$	$28 - 15 = 13$	$29 - 19 = 10$
$26 - 14 = 12$	$22 - 12 = 10$	$27 - 16 = 11$
$23 - 11 = 12$	$14 - 13 = 01$	$19 - 11 = 08$

Page 45 : Fill in the blanks :

$7 - 0 = 7$	$5 - 0 = 5$
$9 - 0 = 9$	$7 - 7 = 0$
$8 - 0 = 8$	$9 - 9 = 0$

Page 46 : Subtract on the number line :

$18 - 6 = 12$

$12 - 7 = 5$

$14 - 4 = 10$

Page 47 : Word Problems

1. $28 - 17 = 11$ girls
2. $25 - 11 = 6$ toys
3. $20 - 15 = 5$ mangoes
4. $22 - 13 = 9$ pens
5. $20 - 17 = 3$ books

Chapter 6 : Numbers upto 10

Page 51 : Count and write the numbers :

2 tens and 0 ones = 20   2 tens and 5 ones = 25

2 tens and 1 ones = 21   2 tens and 6 ones = 26
2 tens and 2 ones = 22   2 tens and 7 ones = 27
2 tens and 3 ones = 23   2 tens and 8 ones = 28
2 tens and 4 ones = 24   2 tens and 9 ones = 29

Write the numerals for the following

T	O		T	O
2	0		2	5
2	1		2	6
2	2		2	7
2	3		2	8
2	4		2	9

Page 52 : *Count and write the numbers :*

3 tens and 0 ones = 30   3 tens and 5 ones = 35
3 tens and 1 ones = 31   3 tens and 6 ones = 36
3 tens and 2 ones = 32   3 tens and 7 ones = 37
3 tens and 3 ones = 33   3 tens and 8 ones = 38
3 tens and 4 ones = 34   3 tens and 9 ones = 39

Write the numerals for the following

T	O		T	O
3	0		3	5
3	1		3	6
3	2		3	7
3	3		3	8
3	4		3	9

Page 53 : *Count and write the numbers :*

4 tens and 0 ones = 40   4 tens and 5 ones = 45
4 tens and 1 ones = 41   4 tens and 6 ones = 46
4 tens and 2 ones = 42   4 tens and 7 ones = 47
4 tens and 3 ones = 43   4 tens and 8 ones = 48
4 tens and 4 ones = 44   4 tens and 9 ones = 49

Write the numerals for the following

T	O		T	O
4	0		4	5
4	1		4	6
4	2		4	7
4	3		4	8
4	4		4	9

Page 54 : *Count and write the numbers :*

5 tens and 0 ones = 50   5 tens and 5 ones = 55

5 tens and 1 ones = 51   5 tens and 6 ones = 56

5 tens and 2 ones = 52   5 tens and 7 ones = 57

5 tens and 3 ones = 53   5 tens and 8 ones = 58

5 tens and 4 ones = 54   5 tens and 9 ones = 59

Write the numerals for the following

T	O		T	O
5	0		5	5
5	1		5	6
5	2		5	7
5	3		5	8
5	4		5	9

Page 55 : *Count and write the numbers :*

6 tens and 0 ones = 60   6 tens and 5 ones = 65

6 tens and 1 ones = 61   6 tens and 6 ones = 66

6 tens and 2 ones = 62   6 tens and 7 ones = 67

6 tens and 3 ones = 63   6 tens and 8 ones = 68

6 tens and 4 ones = 64   6 tens and 9 ones = 69

Write the numerals for the following

T	O		T	O
6	0		6	5
6	1		6	6

6	2	6	7
6	3	6	8
6	4	6	9

Page 56 : *Count and write the numbers :*

7 tens and 0 ones = 70   7 tens and 5 ones = 75
7 tens and 1 ones = 71   7 tens and 6 ones = 76
7 tens and 2 ones = 72   7 tens and 7 ones = 77
7 tens and 3 ones = 73   7 tens and 8 ones = 78
7 tens and 4 ones = 74   7 tens and 9 ones = 79

Write the numerals for the following

T	O		T	O
7	0		7	5
7	1		7	6
7	2		7	7
7	3		7	8
7	4		7	9

Page 57 : *Count and write the numbers :*

8 tens and 0 ones = 80   8 tens and 5 ones = 85
8 tens and 1 ones = 81   8 tens and 6 ones = 86
8 tens and 2 ones = 82   8 tens and 7 ones = 87
8 tens and 3 ones = 83   8 tens and 8 ones = 88
8 tens and 4 ones = 84   8 tens and 9 ones = 89

Write the numerals for the following

T	O		T	O
8	0		8	5
8	1		8	6
8	2		8	7
8	3		8	8
8	4		8	9

Page 58 : *Count and write the numbers :*

9 tens and 0 ones = 90   9 tens and 5 ones = 95

9 tens and 1 ones = 91   9 tens and 6 ones = 96

9 tens and 2 ones = 92   9 tens and 7 ones = 97

9 tens and 3 ones = 93   9 tens and 8 ones = 98

9 tens and 4 ones = 94   9 tens and 9 ones = 99

Write the numerals for the following

T	O		T	O
9	0		9	5
9	1		9	6
9	2		9	7
9	3		9	8
9	4		9	9

Page 59 : Fill in the missing numerals :

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Page 60 : Read the number names and write the numerals :

Fifty Six   56   Ninety Nine   99

Seventy Eight 78   Fifty Two   52

Thirty Five   35   Twenty Eight   28

Sixty Two   62   Forty Four   44

Eighty Nine   89   Twelve   12

Match the following :

Thirteen   13
Seventy   70
Fifty six   56
Seventy seven   77
Thirty three   33
Twenty nine   29

Page 61 : Write the number names for the following numerals :

44	Forty Four	82	Eighty Two
32	Thirty Two	96	Ninety Six
79	Seventy Nine	39	Thirty Nine
15	Fifteen	28	Twenty Eight
67	Sixty Seven	56	Fifty Six

Put <, > or = symbols in the circles :

45 < 67	39 > 28	27 < 31
72 > 35	47 = 47	28 > 9
82 < 85	29 < 39	37 > 24
33 = 33	62 < 64	22 = 22
19 > 12	98 < 100	46 > 29

Page 62 : Write the numbers in an ascending order :

7   9   18   29
12   33   45   88
13   25   45   99
9   27   36   78
11   32   44   55

Write the numbers in descending order :

66   54   35   28
86   50   35   26
72   59   36   31
82   59   44   13
96   78   55   12

Page 63 : Write the value in the circle :

Just Before	In Between	Just After
56 57	95 96 97	75 76
96 97	72 74 75	99 100
23 24	36 37 38	47 48
58 59	98 99 100	70 71
37 38	93 94 95	48 49
80 81	48 49 50	35 36
97 98	69 70 71	93 94
92 93	33 34 35	63 64
19 20	12 13 14	47 48
70 71	25 26 27	77 78

Work Sheet

Page 64 : 1. Write the numerals for :

(a) 17   (c) 89

(b) 75   (d) 19

2. Write the number name of :

(a) Twenty   (c) Twenty Five

(b) Eleven   (d) Eighteen

3. Circle the smaller number :

(a) 45   (d) 75

(b) 11   (e) 39

(c) 86   (f) 56

4. Circle the larger number :

(a) 85   (d) 12

(b) 44   (e) 69

(c) 88   (f) 80

5. Fill in the missing numbers :

(a) Before 39   40

(b) After 77   78

(c) Between 45   46   47

Chapter 8 : Skip Counting

Page 73 :

Skip counting in 4's

0   4   8   12   16   20   24   28   32   36   40

Skip counting in 5's

0   5   10   15   20   25   30   35   40   45   50

Skip counting in 10's

0   10   20   30   40   50   60   70   80   90   100

Page 74 :

Continue the pattern by counting in 2's

26   28   30   32

15   17   19   21

41   43   45   47

Continue the pattern by counting in 3's

14   17   20   23

24   27   30   33

22   25   28   31

Continue the pattern by counting in 5's

35   40   45   50

41   46   51   56

33   38   43   48

Continue the pattern by counting in 10's

50   60   70   80

56   66   76   86

62   72   82   92

Page 76 : Count the picture and fill in the blanks :

$2 + 2 + 2 + 2 = 8$ $3 + 3 + 3 + 3 + 3 + 3 + 3 = 21$

$2 \times 4 = 8$ **$3 \times 7 = 21$**

$4 + 4 + 4 = 12$ $4 + 4 + 4 + 4 + 4 + 4 = 24$

$4 \times 3 = 12$ **$4 \times 6 = 24$**

$5 + 5 + 5 + 5 + 5 = 25$ $2 + 2 + 2 + 2 + 2 + 2 = 12$

$5 \times 5 = 25$ **$2 \times 6 = 12$**

Page 77 : **Write the multiplication fact for each of the following :**

$2 + 2 + 2 + 2 = 8$	$2 \times 4 = 8$
$4 + 4 + 4 = 12$	$4 \times 3 = 12$
$3 + 3 + 3 + 3 + 3 = 15$	$3 \times 5 = 15$
$2 + 2 + 2 + 2 + 2 = 10$	$2 \times 5 = 10$
$3 + 3 + 3 + 3 = 12$	$3 \times 4 = 12$
$5 + 5 + 5 + 5 + 5 = 25$	$5 \times 5 = 25$
$3 + 3 + 3 + 3 + 3 + 3 + 3 = 27$	$3 \times 7 = 21$
$4 + 4 + 4 + 4 + 4 + 4 = 24$	$4 \times 6 = 24$
$2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 = 16$	$2 \times 8 = 16$
$5 + 5 + 5 = 15$	$5 \times 3 = 15$
$2 + 2 + 2 + 2 + 2 = 12$	$2 \times 6 = 12$
$3 + 3 + 3 + 3 + 3 + 3 + 3 + 3 + 3 = 27$	$3 \times 9 = 27$
$5 + 5 + 5 + 5 + 5 + 5 + 5 = 35$	$5 \times 7 = 35$
$4 + 4 + 4 + 4 + 4 = 20$	$4 \times 5 = 20$

Page 79 : **Fill in the blanks :**

$2 \times 8 = 16$	$8 \times 4 = 32$	$6 \times 2 = 12$
$4 \times 7 = 14$	$8 \times 9 = 72$	$6 \times 6 = 36$
$3 \times 6 = 18$	$6 \times 4 = 24$	$7 \times 8 = 56$
$5 \times 5 = 25$	$9 \times 3 = 27$	$3 \times 2 = 6$
$7 \times 2 = 14$	$10 \times 5 = 50$	$5 \times 4 = 20$
$4 \times 8 = 32$	$10 \times 7 = 70$	$5 \times 7 = 35$
$6 \times 7 = 42$	$4 \times 2 = 8$	$8 \times 5 = 40$
$8 \times 7 = 56$	$3 \times 9 = 27$	$8 \times 0 = 0$

Page 80 : **Word Problems**

1. $4 \times 6 = 24$
2. $10 \times 4 = 40$
3. $5 \times 8 = 40$
4. $6 \times 6 = 36$
5. $2 \times 2 = 4$

Chapter 10 : Time

Page 82 : Answer the following questions :

At what time do you get up?	6 : 00 am
When do you take your breakfast?	7 : 00 am
When do you go to school?	7 : 30 am
When do you go to play?	4 : 00 pm
When do you have your dinner?	8 : 00 pm
When do you go to your bed?	9 : 00 pm

Page 84 : Write the numbers at which hour hand and minute hand are pointing :

Hour hand = 3	Hour hand = 5	Hour hand = 11
Minute hand = 12	Minute hand = 12	Minute hand = 12
3 o'clock 3:00	5 o'clock 5:00	11 o'clock 11:00
Hour hand = 7	Hour hand = 9	Hour hand = 8
Minute hand = 12	Minute hand = 12	Minute hand = 12
7 o'clock 7:00	9 o'clock 9:00	8 o'clock 8:00
Hour hand = 6	Hour hand = 10	Hour hand = 1
Minute hand = 12	Minute hand = 12	Minute hand = 12
6 o'clock 6:00	10 o'clock 10:00	1 o'clock 1:00

Page 86 : *1.* *Answer the following questions :*

Wednesday

Sunday

Saturday

2. *Fill in the blanks :*

Third

Monday and Wednesday

Sunday

Page 88 : Answer the following questions :

12 Months
September
January
May
December
August
June
365 Days
June
November
February
July
August
March
Do yourself

Chapter 11 : Money

Page 92 : Answer the following questions :

8 coins
10 coins
6 notes
7 notes
8 notes

Page 93 : Find the cost of these items :

The price of a bat and a book is R 110.
The price of a toffee and a pen is R 6.
The price of a chocolate and a pencil is R 23.
The price of a book and a chocolate is R 30.
The price of a pencil and a pen is R 8.

Page 94

Table 1	R		Table 2	R
Samosa	20		Burger	25
Idli	25		Coke	20
Total	45		Total	45

Table 3	R		Table 4	R
Spring roll	35		Chowmein	50
Momos	35		Uttpam	36
Total	70		Total	86

Table 5	R		Table 6	R
Noodles	30		Coffee	52
Chilli Potato	25		Dosa	78
Total	55		Total	130

Table 7	R		Table 8	R
Tikki	40		Hot Dog	40
Cold Drink	20		Munchurian	35
Total	60		Total	75

Page 98 : In the above picture, write the number of :

Triangles	4	Circle	4
Rectangles	6	Squares	5

Page 99 : Count the number of triangles in the following figure and write their numbers :

Triangle 26

17

Page 101 : 1.   Write the number of :

        (a)   4   (b)   2

        (c)   6   (d)   4

Chapter 13 : Data Handling

Page : 102 : In the above picture , write the number of :

How many pencils?	4
How many erasers?	8
How many pens?	8
How many sharpeners?	9
How many scales?	8

Page 103 : Study the graph carefully and fill in the blanks :

   1.   2   2.   8

   3.   5   4.   3

Page 104 : Study the graph carefully and fill in the blanks :

   1.   2   2.   2

   3.   1   4.   Teetu

Page 108 :

   2.   Complete the series :

      1, 2, 3, 4, 5, 6, 7, 8, 9, 10.

      3, 5, 7, 9, 11, 13, 15, 17, 19, 21.

      5, 8, 11, 14, 17, 20, 23, 26, 29, 32.

   3.   Observe the patterns and fill in the missing numbers :

      10   20   30   40   50   60

      24   29   34   39   44   49

Page 110 : Tick the correct answer :

   1.   (c)   2.   (c)   3.   (c)

   4.   (b)   5.   (a)   6.   (c)

7.	(a), (b), (c)	8.	(c)	9.	(d)
10.	(a)	11.	(d)	12.	(a)
13.	(b)	14.	(a)	15.	(d)

Mental Math

Page 112 :

1. (a) 66, 63, 60, 36, 33, 30
   (b) 95, 92, 59, 52, 29, 25

2. (a) 4   (b) 2
   (c) 3   (d) 5

3. (a) =   (b) >
   (c) <   (d) =

4. (a) 7   (b) 4
   (c) A

5. (a) 53   (b) 55
   (c) 52   (d) 42

6. $54 + 21 + 13 = 87$

7. $81 - 56 = 25$

8. $75 - 48 = 27$

9. $4 \times 5 = 20$

10. (a) 12   (b) 14
    (c) 8   (d) 40

Model Test Paper – I

1. (a) Four   (d) Eleven
   (b) Eight   (e) Twenty Three
   (c) Six   (f) Thirty Two

2. (a) <   (d) >
   (b) <   (e) >
   (c) <   (f) <

3. (a) 14   (d) 12

	(b)	19				(e)	18
	(c)	15				(f)	13
4.	(a)	19	18	16	11		
	(b)	20	17	14	13		
5.	(a)	14				(d)	17
	(b)	13				(e)	16
	(c)	19				(f)	18
6.	(a)	10				(d)	10
	(b)	05				(e)	14
	(c)	15				(f)	10
7.	(a)	11	33	55	66		
	(b)	19	28	36	78		
	(c)	12	55	76	96		
8.	(a)	85				(d)	77
	(b)	99				(e)	64
	(c)	19				(f)	27

9. $18 - 8 = 10$

10. $5 + 8 = 13$

Model Test Paper II

Do yourself

Model Test Paper III

Do yourself