MENTAL MATHS COMPETITION 2016

: Organised by :

GLOBAL MATHS SCIENCE EDUCATION®

in association with

Math Vision PTE Ltd., Singapore

MOCK TEST

Name : _____

School : _____ Std. : **4**

Mob.No. : (Mother) _____ (Father) _____

Instructions for the Competition

Total Marks : 200 **Total No of questions: 75**

1. Time : $1\frac{1}{2}$hr
2. Students can use HB Pencil for marking answers in OMR sheet.
3. Questions are arranged according to 3 difficulty level to provide pupils with optimum explosure to Mental Maths.
4. [Section 1] In this section, there are 40 questions help to build calculation skills. Each question carries 2 marks.
5. [Section 2] It is related with 20 questions testing fundamental concept covered in topic listed below. Each question carries 3 marks.
6. [Section 3] Here questions are challenging & required high order thinking skills. Each question carry 4 marks. Students are requested to practice extra questions given alongwith the Mock paper. Any 15 questions can be asked as per given question format in mock paper & extra practice questions.

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MENTAL MATHS COMPETITION 2016

Topics Included.

(1) Q. No. 1 to 40 are based on basic, calculation related to Addition, Subtraction, multiplication and division, doubling and halving.

(2) Student should know multiplication tables from 2 to 20.

(3) 3 digit, 4 digit Nos operation. [+ , – , × , ÷]

(4) Odd and even (2 digit, 3 digit nos]

(5) Mixed operations (÷ , ×, + , –)

(6) Calculation related to time and money.

(7) Number series (WHAT COMES NEXT), Number bonds

(8) Roman Numbers (FROM 1 to 1000) , divisibility property of 2, 3, 4, 6, 9, 10.

(9) Fractions (addition, subtraction, multiplication, divisions)

(10) Conversion from hrs to mins, years to months, weeks to days, dozen to units.

(11) Word problem to related (+, – , ×, ÷)

(12) Formation of smallest and greatest number using given digits.

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SECTION 1 (Mental Maths Calculation)

1. 6515 + 3405 = _____

(a) 9710 (b) 9920
(c) 9910 (d) 9820

2. 8466 – 3847 = _____

(a) 4629 (b) 5619
(c) 5029 (d) 4619

3. 7055 + 2353 = _____

(a) 9508 (b) 9458
(c) 9408 (d) 9308

4. 9425 – 5482 = _____

(a) 3963 (b) 4943
(c) 4043 (d) 3943

5. 4855 – 3429 =_____

(a) 1326 (b) 1426
(c) 1526 (d) 1436

6. 5491 + 2256 = _____

(a) 7747 (b) 7757
(c) 7647 (d) 7637

Find Value of A (Q.7 to Q.10)

7.

$$\begin{array}{r} 6\ 3\ 4\ A \\ +\ 2\ 5\ 0\ 8 \\ \hline 8\ 8\ 5\ 3 \end{array}$$

(a) 3 (b) 5
(c) 7 (d) 6

8.

$$\begin{array}{r} 4\ 8\ 6\ 5 \\ -\ 3\ 7\ A\ 4 \\ \hline 1\ 0\ 8\ 1 \end{array}$$

(a) 6 (b) 5
(c) 7 (d) 8

9.

$$\begin{array}{r} 5\ 3\ 8\ 8 \\ -\ 3\ 8\ 7\ 6 \\ \hline 1\ A\ 1\ 2 \end{array}$$

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

10.

$$\begin{array}{r} 3\ 6\ 7\ 5 \\ +\ 4\ 1\ A\ 8 \\ \hline 7\ 8\ 6\ 3 \end{array}$$

(a) 4 (b) 8
(c) 5 (d) 7

11. 512 – $\square$ = 84

(a) 398 (b) 438
(c) 458 (d) 428

12. $\square$ + 379 = 968

(a) 689 (b) 347
(c) 579 (d) 589

13. $\square$ – 728 = 286

(a) 914 (b) 442
(c) 1014 (d) 114

14. 423 × 12 = _____

(a) 5076 (b) 4076
(c) 5046 (d) 4376

15. 786 × 13 = _____

(a) 10318 (b) 11218
(c) 12218 (d) 10218

16. 318 × 17 = _____

(a) 5516 (b) 5306
(c) 5406 (d) 5206

17. 135 × 19 = _____

(a) 2065 (b) 2565
(c) 2585 (d) 2465

18. 755 × 18 = _____

(a) 13510 (b) 13770
(c) 13590 (d) 13580

19. Find multiple of 17 among given options.

(a) 112 (b) 102
(c) 92 (d) 96

20. Find multiple of 19 among given options.

(a) 161 (b) 157
(c) 171 (d) 169

21. 117 ÷ 13 = _____

(a) 9 (b) 8
(c) 6 (d) 7

22. 98 ÷ 14 = _____

(a) 6 (b) 5
(c) 4 (d) 7

23. When 140 is divided by 17, remainder is _____

(a) 6 (b) 4
(c) 5 (d) 3

24. When 133 is divided by 19, remainder is _____

(a) 2 (b) 1
(c) 3 (d) 0

25. Which of following number is a multiple of both 14 & 18

(a) 126 (b) 120
(c) 144 (d) 112

26. Which of following number is a multiple of both 9 & 12

(a) 63 (b) 45
(c) 90 (d) 72

27. 105 ÷ $\square$ =15

(a) 4 (b) 5
(c) 7 (d) 6

28. 91 ÷ $\square$ = 7

(a) 12 (b) 13
(c) 14 (d) 15

29. $\square \div 8 = 19$

(a) 102 (b) 162
(c) 142 (d) 152

30. $\square \div 9 = 15$

(a) 165 (b) 125
(c) 155 (d) 135

31. $14 \times \square = 112$

(a) 6 (b) 8
(c) 7 (d) 9

32. $(7 + 4 - 2) \times (8 + 5 + 3) =$

_____

(a) 124 (b) 134
(c) 144 (d) 154

33. $(6 \times 7 \times 3) - (8 \times 5 - 9) =$

_____

(a) 105 (b) 75
(c) 85 (d) 95

34. $(9 \times 7 \times 3) - (2 \times 8 \times 7) =$

_____

(a) 5 (b) 67
(c) 77 (d) 87

35. $(6 \times 7) + (9 \times 2) - (4 \times 3) =$

_____

(a) 28 (b) 48
(c) 58 (d) 38

36. $(8 \times 9) - (5 \times 2) + (6 \times 3) =$ ___

(a) 80 (b) 90
(c) 70 (d) 85

37. $\frac{1}{6} \times 48 =$ _____

(a) 5 (b) 7
(c) 8 (d) 6

38. $\frac{1}{16} \times 96 =$ _____

(a) 5 (b) 6
(c) 8 (d) 7

39. Double of 576 = _____

(a) 1152 (b) 1052
(c) 1042 (d) 1142

40. Half of 876 = _____

(a) 433 (b) 458
(c) 438 (d) 443

SECTION 2
(Mental Maths Concepts)

41. Six Thousand Thirty + Five Hundred Ninety Four =

(a) 6624 (b) 8634
(c) 7624 (d) 6824

42. Eight thousand and Forty Nine – Seven hundred and Eighty Three =

(a) 7286 (b) 8466
(c) 6366 (d) 7266

43. 60 + 59 + 58 + 57 + 56 + 55 + 54 + 53 + 52 + 51 = _____

(a) 535 (b) 555
(c) 545 (d) 565

44. The difference between (6 × 7) and (3 × 5) is _____

(a) 17 (b) 37
(c) 27 (d) 47

45. The sum of (14 × 9) and (13 × 7) is _____

(a) 237 (b) 217
(c) 197 (d) 207

46. (28 less than 700) + (32 more than 400) =_____

(a) 1664 (b) 1004
(c) 1160 (d) 1104

47. (37 more than 700) – (49 less than 400) = _____

(a) 396 (b) 386
(c) 196 (d) 286

48. (13 + 6) × (8 – 4) = _____

(a) 36 (b) 74
(c) 76 (d) 46

49. (9 + 3) × (9 – 4) = _____

(a) 50 (b) 70
(c) 80 (d) 60

50. (6 × 3) ÷ (3 × 3) = _____

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

51. 25th even number after 183 is _____

(a) 234 (b) 262
(c) 232 (d) 238

52. 16th odd number after 277 is _____

(a) 311 (b) 309
(c) 305 (d) 307

53. Find missing number in given number bond.

10	27	38	45
35	52	63	?

(a) 65 (b) 75
(c) 70 (d) 80

54. Find missing number in given number bond.

105	117	132	149
123	135	150	?

(a) 167 (b) 177
(c) 187 (d) 157

55. Find missing number in given number bond.

13	16	18	19
52	64	72	?

(a) 80 (b) 76
(c) 95 (d) 75

56. 5 weeks + 18 days = _____ days

(a) 53 (b) 33
(c) 43 (d) 63

57. $5\frac{1}{6}$ year = _____ months

(a) 60 (b) 61
(c) 62 (d) 59

58. $3\frac{1}{2} + 8\frac{1}{4} = \square$ quarters

(a) 41 (b) 47
(c) 45 (d) 43

59. $8\frac{1}{2} - 3\frac{1}{4} = \square$ quarters

(a) 15 (b) 17
(c) 21 (d) 11

60. How many days are together is April, June and October?

(a) 93 (b) 92
(c) 91 (d) 90

SECTION 3 (Mental Maths Challenge)

61. Box C is the heaviest. Box A is lighter than Box D.
Box A is heavier than Box B. If the boxes are arranged in order.
Such that the heaviest is at the bottom and lightest is at the top.
Box _____ is the 3rd from bottom.

(a) B (b) A (c) D (d) C

62. A Watermelon was cut into 3 pieces P, Q and R. The mass of P was 8 unit, Q was 3 unit lighter than P. The mass of R was 6 unit more than Q. The mass of watermelon was _____ units.

(a) 24 (b) 19 (c) 20 (d) 16

63. Look at the number pattern given below.

100 + 25	132 – 2		150 + 5	169 + 6

What is missing in the box.

(a) 151 + 7 (b) 131 + 9 (c) 160 + 4 (d) 13 × 5

64. Compare the answer of the following.

11 – 7	8 + 9	22 – 15	3 + 12

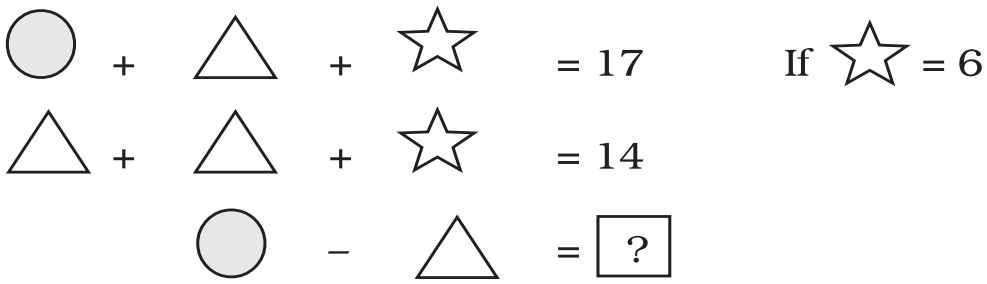
The smallest answer in words is _____

(a) Seven (b) Three (c) Fifteen (d) Four

65. There are 345 chairs in a school hall, Mr. Thomas takes 98 of them away.
The clerk brings in 57 more chairs. How many chairs are there now?

(a) 164 (b) 202 (c) 304 (d) 314

66. Write the missing number in the box.



(a) 3 (b) 4 (c) 8 (d) 7

67. Sharon is 34 years old now. Three years ago, her brother was 28 years old. What is their total age now?

(a) 68 yrs (b) 58 yrs (c) 65 yrs (d) 62 yrs

68. When 3 pupils in a class are absent, there are 17 pupils in the class. How many people are there in the class, including the teacher if no pupil is absent?

(a) 19 (b) 21 (c) 23 (d) 20

69. There were 23 red and green apples in a basket at first. Some apples were rotten and thrown away. There were 8 green apples and 10 red apples left. How many apples were rotten?

(a) 7 (b) 8 (c) 4 (d) 5

70. Look at the addition sentence below.

57 + ? = 100

Which of the following is **not** true about the missing number in the addition sentence?

(i) The digit in the tens place is 4.

(ii) It is greater than 40.

(iii) It is between 32 and 35.

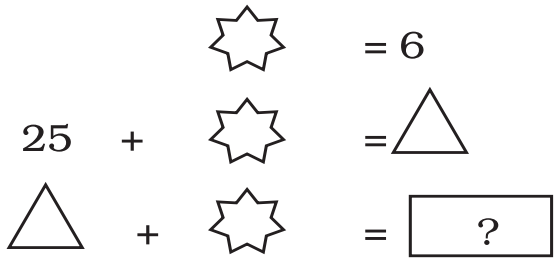
(iv) It has the same value as 25 + 18

(a) i (b) ii (c) iv (d) iii

71. Add 48 to itself. 6 less than the answer is _____

(a) 90 (b) 42 (c) 54 (d) 102

72.



The missing number in the box is _____

(a) 34 (b) 27 (c) 37 (d) 39

73. Which of the following is **not** greater than 60?

(a) 5 tens +15 ones (b) 4 more than 60

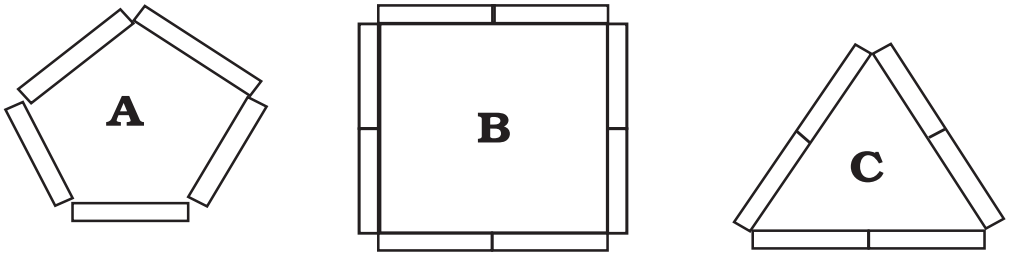
(c) 50 + 13 (d) 6 ten – 4 ones

74. 27 + Z = 42 + 42

Z is _____ less than 90.

(a) 84 (b) 33 (c) 72 (d) 74

75. A box of matches is used to form the following figures.



Fanny forms 4 Figure A and Jane forms 7 figure B using all their matches.

How many matches does they use altogether?

(a) 76 (b) 86 (c) 66 (d) 67

(Extra practise question)

1. ₹ 50 × 3 + ₹ 20 × 9 + ₹ 5 × 12 + ₹ 500 × 2 = _____

(a) 1300 (b) 1290 (c) 1400 (d) 1390

2. Choose false statement

(i) $5 + 7 < 8 + 9$ (ii) $18 - 4 = 7 + 7$

(iii) $7 + 6 > 9 - 6$ (iv) $7 + 9 = 19 - 4$

(a) i (b) ii (c) iii (d) iv

3. Choose correct statement

(i) 800 + 60 + 5 = 855 (ii) 600 + 30 + 5 = 653

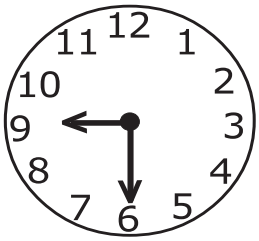
(iii) 400 + 10 + 5 = 415 (iv) 300 + 20 + 8 = 382

(a) ii (b) i (c) iv (d) iii

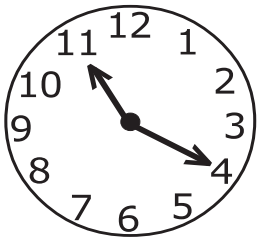
4. (LIX – XXII) + (LXIX + IX) = _____

(a) CXIV (b) CXV (c) CXXV (d) CXVI

5. The train starts from Pune at



It reached to the Kalyan stop at



How much time train has taken to reach Kalyan?

(a) 2 hrs 15 min (b) 2 hrs 20 min

(c) 2 hrs 45 min (d) 1 hr 50 min

6. If 24th Feb 2004 falls of Tuesday then 9th March 2004 falls on _____

(a) Thursday (b) Wednesday (c) Monday (d) Tuesday

7. Simran bought a dictionary at ₹ 225 and calculator at ₹ 140. She still had ₹ 135 left. How much money she had first?

(a) 505 (b) 500 (c) 490 (d) 400

8. Y is 9 ten 4 ones more than 58. X is 2 tens 6 ones less than Y. Find the value of x.

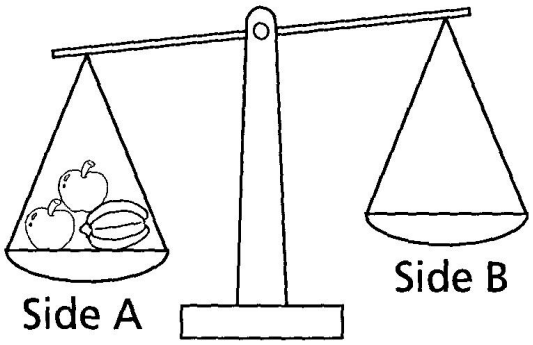
(a) 126 (b) 178 (c) 128 (d) 116

9. Vinayak bought 6 books. Each book cost ₹ 12. If he had ₹ 80 at first how much money had he left?

(a) 2 (b) 3 (c) 5 (d) 8

10. The mass of each fruits is given below.

Apple : 3 units
Kiwi : 2 units
Mango : 8 units
Orange: 4 units
Pear : 5 units
Starfruit : 6 units



John puts 2 apples and a starfruit on side A. Suggest him combination of two different fruits he should put on side B to balance the scale.

(a) starfruit, Apple, Orange
(b) starfruit, Pear
(c) Pear, Orange
(d) Mango and Orange.

11. Aamir bought 30 sandwiches for a picnic. He placed sandwiches equally into 3 baskets. If one basket of sandwiches was left after the picnic, how many sandwiches was left after the picnic ?

(a) 10 (b) 20 (c) 5 (d) 15

12. Miss Jasmine had 32 flowers. She sold them in bunches of 3. If she sold all of the bunches, how many flowers were left?

(a) 1 (b) 3 (c) 5 (d) 2

13. Mrs. Nathan bought a dress and 5 skirts worth ₹150 each. The dress cost ₹ 350. How much money she spent altogether?

(a) 1150 (b) 1100 (c) 1000 (d) 1200

14. John has 6 notes of ₹ 100, 5 notes of ₹ 50, 7 notes of ₹ 5 and 4 notes of ₹ 20. He bought a calculator for ₹ 125 and a pen for ₹ 38. What amount will be left with him in the end.

(a) 785 (b) 755 (c) 800 (d) 802

15. Reduce the fraction into smallest form

$\frac{90}{60} = \frac{\square}{\square}$ } A $\qquad \frac{5}{20} = \frac{\square}{\square}$ } B

$A + B = \frac{\square}{\square}$

(a) $\frac{5}{4}$ (b) $\frac{3}{4}$ (c) $\frac{7}{4}$ (d) $\frac{6}{4}$

16. ☆ is between 45 and 47. _____ and ☆ make 9 tens.

(a) 44 (b) 45 (c) 47 (d) 46

17. 3 tens 6 ones + 24 = ☆

There are _____ tens in the number represented by ☆ .

(a) 4 (b) 5 (c) 6 (d) 7

18. Susan had some sweets. She gave 7 sweets each to her two friends. She had 9 sweets left. How many sweets did Susan have at first?

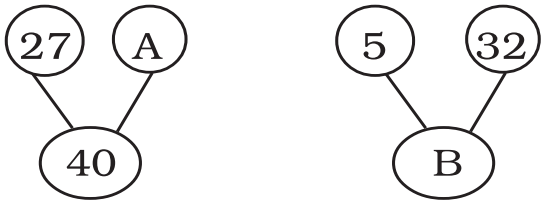
(a) 21 (b) 22 (c) 23 (d) 24

19. 4 3 6 1

The cards are used to from 2 digit numbers less than 100.
How many of these numbers have the digit 6 in their ones place?
(Each card is used only once)

(a) 1 (b) 2 (c) 3 (d) 4

20. Look at the number bonds below.



Subtract A from B. The answer is _____.

(a) 13 (b) 24 (c) 34 (d) 37

21.

$$\begin{tikzcd} X \arrow[d, "+9"'] & & \\ y \arrow[r, "\times 2"] & z \arrow[r, "+3"] & \boxed{95} \end{tikzcd}$$

The value of x is _____

(a) 35 (b) 36 (c) 37 (d) 28

22. X + 23 = 81

X = B + 15

The value of X − B = _____

(a) 13 (b) 15 (c) 17 (d) 19

23. Ramesh was 25 year old in the year 1996. Rakesh was 34 year old in the year 2010 by how many years is Ramesh is older than Rakesh.

(a) 14 years (b) 4 years (c) 5 years (d) 10 years

24. $\boxed{A \mid 4 \mid B} \times 6 = \boxed{8 \mid 7 \mid 6}$

∴ A + B = ?

(a) 7 (b) 8 (c) 9 (d) 5

25. When the number is added to itself, the result is 21 more than 55. Find the number?

(a) 43 (b) 38 (c) 44 (d) 39

Answer Sheet

1	b
2	d
3	c
4	d
5	b
6	a
7	b
8	d
9	a
10	b
11	d
12	d
13	c
14	a
15	d
16	c
17	b
18	c
19	b
20	c
21	a
22	d
23	b
24	d
25	a

26	b
27	c
28	b
29	d
30	d
31	b
32	c
33	d
34	c
35	b
36	a
37	c
38	b
39	a
40	c
41	a
42	d
43	b
44	c
45	b
46	d
47	b
48	c
49	d
50	b

51	c
52	b
53	d
54	a
55	b
56	a
57	c
58	b
59	c
60	c
61	b
62	a
63	b
64	d
65	c
66	a
67	c
68	b
69	d
70	d
71	a
72	c
73	d
74	b
75	a

Answers for extra practice questions

1	d
2	d
3	d
4	b
5	d
6	d
7	b
8	b

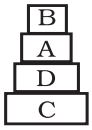
9	d
10	d
11	a
12	d
13	b
14	d
15	c
16	a

17	c
18	c
19	c
20	b
21	c
22	b
23	c
24	a
25	b

Section 3 (Solution)

61) A < D
A > B
∴ B < A < D
But 'C' is heaviest

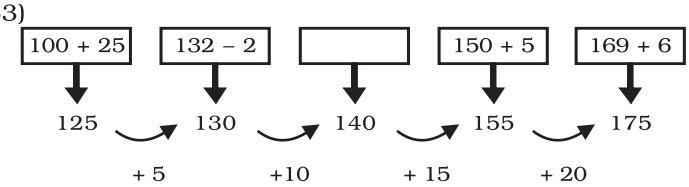
hence B < A < D < C



Box A is the 3rd from bottom.

62) P = 8 unit
Q = 8 – 3 = 5 unit
R = 5 + 6 = 11 unit
Watermelon = 8 + 5 + 11 = 24 unit

63)



Hence the answer is 140 = 131 + 9

64) 11 – 7 = 4
8 + 9 = 17
22 – 15 = 7
3 + 12 = 15
The smallest answer is Four

65) 345 – 98 = 247
247 + 57 = 304

66) ☆ = 6
△ + △ + ☆ = 14
△ + △ + 6 = 14
two △ = 14 – 6
two △ = 8
△ = 8 ÷ 2 = 4
○ + △ + ☆ = 17
○ + 4 + 6 = 17
○ + 10 = 17
○ = 7
∴ ○ – △ = 7 – 4 = 3

67) Sharon = 34 years
Her brother = 28 + 3 = 31 years
Total age = 34 + 31 = 65 years

68) Present no. of pupils = 17
absent no. of pupils = 3
Total no. of pupils = 17 + 3 = 20
No. of people in class including teacher
= 20 + 1 = 21

69) No. of apples left = 8 + 10
= 18
No. of apples rotten = 23 – 18
= 5

70) 57 + ? = 100
∴ ? = 100 – 57 = 43

Hence statement 'C' is NOT true, as it is not between 32 and 35.

71) 48 + 48 = 96
96 – 6 = 90

72) ☆ = 6
25 + 6 = △

Hence △ = 31
△ + ☆ = 31 + 6 = 37

73) a) 5 tens + 15 ones = 5 × 10 + 15 × 1
= 50 + 15
= 65
b) 4 more than 60 = 64
c) 50 + 13 = 63
d) 6 ten – 4 = 60 – 4 = 56

Hence correct answer is option 'd'

74) 27 + Z = 42 + 42
27 + Z = 84
Z = 84 – 27
Z = 57
90 – 57 = 33

Z is 33 less than 90.

75) A → 5 matches
B → 8 matches
Fanny → 4 × 5 = 20
Jane → 7 × 8 = 56

Total matches = 20 + 56 = 76

Extra Practice Questions (Solution)

1) $50 \times 3 = 150$
$20 \times 9 = 180$
$5 \times 12 = 60$
$500 \times 2 = 1000$
$150 + 180 + 60 + 1000 = 1390$

2) Statement (iv)
$7 + 9 = 16$
$19 - 4 = 15$, $16 \neq 15$

3) Statement (iii)
$400 + 10 + 5 = 415$

4) LIX – XXII = 59 – 12 = 47
LXIX + IX = 69 + 9 = 78
47 + 78 = 125
= CXXV

5) Starting time = 9 : 30
Ending time = 11 : 20
Total time = 11 : 20
– 9 : 30
1 : 50

6) Excluding 24th feb, there will be 5 more days till 29th feb (leap year) 2004. and March 1 to March 9 makes 9 days.
9 + 5 = 14 days
14 ÷ 7 gives remainder '0'
Hence day on March 9 will be same as 24th feb which is Tuesday.

7) Money spent = 225 + 140
= 365
Money left = 135
total = 365 + 135
= 500

8) Y = 58 + 9 tens 4 ones
= 58 + 94
= 152
X = Y – (2 tens 6 ones)
= 152 – 26
= 126

9) Cost of 1 book = ₹ 12
Cost of 6 books = 12 × 6 = 72
Amount left = 80 – 72
= 8

10) Side A = 2 apples + 1 starfruit
= (2 × 3) + (1 × 6)
= 6 + 6
= 12 units
Option(d) = Mango + orange
= 8 + 4
= 12

11) No. of sandwiches in one basket
= 30 ÷ 3
= 10.

12) 32 ÷ 3 gives remainder '2'
hence 2 flowers were left.

13) Money spent = 350 + (5 × 150)
= 350 + 750
= 1100.

14) Amount with John
= (6 × 100) + (5 × 50) + (7 × 5) + (4 × 20)
= 600 + 250 + 35 + 80
= 965
Money spent = 125 + 38
= 163
Money left = 965 – 163
= 802

15) $\frac{90}{60} = \frac{3}{2}$ = A

$\frac{5}{20} = \frac{1}{4}$ = B

A + B = $\frac{3}{2} + \frac{1}{4}$

= $\frac{6}{4} + \frac{1}{4}$

= $\frac{7}{4}$

16) ☆ is between 45 and 47

∴ ☆ = 46
44 + 46 = 90 = 9 tens
hence answer is 44.

17) 3 tens 6 ones + 24
= 36 + 24
= 60
∴ No. of tens = 6

18) Sweets given by her = 7 × 2= 14
Sweets left with her = 9
Total no. of sweets = 14 + 9
= 23

19) Possible numbers are only three 16, 36, 46

20) A = 40 – 27 = 13
B = 5 + 32 = 37
B – A = 37 – 13 = 24

21) Working backwords
Z = 95 – 3 = 92
Y = 92 ÷ 2 = 46
X = 46 – 9 = 37

22) X = 81 – 23 = 58
B = 58 – 15 = 43
X – B = 58 – 43 = 15

23) Ramesh's age in 1996 = 25 yrs.
∴ Ramesh's age in 2010 = 25 + 14
= 39
Difference = 39 – 34 = 5 yrs.

24) 876 ÷ 6 = 146
∴ A = 1 and B = 6
A + B = 1 + 6 = 7

25) 55 + 21 = 76
∴ the number = 76 ÷ 2
= 38

MENTAL MATHS COMPETITION 2016®

Date : _____

Name of Student in Full (IN CAPITAL LETTERS) :-

_____
Name

_____
Father's Name

_____
Surname

School Name _____

Mobile No. _____

Std. _____ Centre _____

INSTRUCTIONS

1. Use HB Pencil only on this sheet
2. Darken the ovals fully.
3. Erase completely to change responses.
4. Do not make any stray mark on this sheet.

Incorrect way of shading

Ⓐ Ⓑ Ⓒ Ⓓ

Ⓐ Ⓑ Ⓒ Ⓓ

Ⓐ Ⓑ Ⓒ Ⓓ

Correct way of shading

Ⓐ Ⓑ Ⓒ Ⓓ

For Office Use Only

Section			Mark	Marks Scored
1			x 2	
2			x 3	
3			x 4	
Total				

Remark :

ANSWERS

Section - I

1.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	21.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
2.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	22.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
3.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	23.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
4.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	24.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
5.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	25.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
6.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	26.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
7.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	27.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
8.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	28.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
9.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	29.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
10.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	30.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
11.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	31.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
12.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	32.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
13.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	33.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
14.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	34.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
15.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	35.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
16.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	36.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
17.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	37.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
18.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	38.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
19.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	39.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
20.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	40.	Ⓐ	Ⓑ	Ⓒ	Ⓓ

Section - II

41.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
42.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
43.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
44.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
45.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
46.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
47.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
48.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
49.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
50.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
51.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
52.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
53.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
54.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
55.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
56.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
57.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
58.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
59.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
60.	Ⓐ	Ⓑ	Ⓒ	Ⓓ

Section - III

61.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
62.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
63.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
64.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
65.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
66.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
67.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
68.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
69.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
70.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
71.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
72.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
73.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
74.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
75.	Ⓐ	Ⓑ	Ⓒ	Ⓓ

Working Space