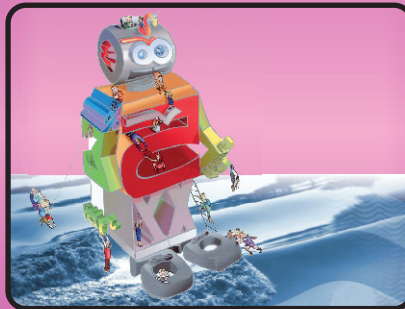# ℰℓG

OLYMPIAD EXPLORER

Workbook for

Nationwide Interactive MATHS Olympiad & Other National/International Olympiads/Talent Search Exams.

Based on CBSE, ICSE, GCSE, State Board Syllabus & NCF (NCERT)

100's of Q's with answers
- Chapterwise Practice Q's
- Revision Q's
- Sample Paper

Class 2

EduHeal Foundation
• LEARNING for LIFE •

EduHeal Foundation conducts 5 Olympiads annually reaching out to 3,500 + Schools ● 4 Lakh + Students ● 50,000 Coordinating Teachers and having 500 Resource persons in English / Maths / Science / Biotech / Computer & 300 Regional Coordinators.
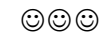
PRIZES

WORKSHOP ● TEACHER TRAINING PROG. ● MAGAZINE/LAB GRANT ● PRINCIPAL LEADERSHIP AWARD.

Contents

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SYLLABUS GUIDELINES
CLASS - II

Based on CBSE, ICSE & GCSE Syllabus
& NCF guidelines devised by NCERT.

1. **Numbers**
- Reads and writes numerals for numbers up to ninety nine.
- Expands a number with respect to place values.
- Counts and regroups objects into tens and ones.
- Uses the concept of place value in the comparison of numbers.
- Counts in various ways: Starting from any number, Group counting etc.
- Arranges numbers upto hundred in ascending and descending order.
- Forms the greatest and the smallest two digit numbers with and without repetition of given digits.
- Indicates and identifies the position of an object in a line.

2. **Addition and Subtraction**
- Adds and subtracts two digit numbers by drawing representations of tens and ones without and with regrouping.
- Adds zero to a number and subtracts zero from a number.
- Observes the commutative property of addition through patterns.
- Solves addition, subtraction problems presented through pictures and verbal description.
- Describes orally the situations that correspond to the given addition and subtraction facts.
- Estimates the result of addition and subtraction and compares the result with another given number.

3. **Preparation for Multiplication & Division**
- Discussion of situations involving repeated addition and situations involving equal sharing.
- Activities of making equal groups.

4. **Mental Arithmetic**
- Adds and subtracts single digit numbers mentally.
- Adds and subtracts multiples of ten mentally.

5. **Money**
- Identifies currency notes and coins.
- Puts together amounts of money not exceeding Rs 50/.
- Adds and subtracts small amounts of money mentally.
- Transacts an amount using 3 to 4 notes.

6. **Measurement of Length**
- Measures lengths & distances along short & long paths using uniform (non standard) units, extends to longer lengths.

7. **Weight**
- Compares two or more objects by their weight.
- Appreciates the need for a simple balance.
- Compares weights of given objects using simple balance.

8. **Capacity (Volume)**
- Compares and orders containers in terms of internal volume (capacity).
- Orders given containers as per their capacities on the basis of perception & verifies by pouring out etc.

9. **Time**
- Gets familiar with the days of the week and months of the year.
- Gets a feel for sequence of seasons (varying locally).
- Sequences the events occurring over longer periods in terms of dates/ days.

10. **Data Handling**
- Collects data through measurement.
- Represents the data followed by discussion (e.g. heights of children).
- Collects and presents the data on birthdays.
- Draws inferences from the data at the appropriate level.

11. **Patterns**
- Observes and extends patterns in sequence of shapes and numbers.
- Searches for patterns in different ways of splitting a number.
- Creates block patterns by stamping thumb prints, leaf prints, vegetable prints, etc.
- Creates patterns of regular shapes by stamping.

12. **Geometry Shapes & Spatial Understanding 3D and 2D Shapes**
- Observes objects in the environment and gets a qualitative feel for their geometrical attributes.
- Identifies the basic 3D shapes such as cuboid, cylinder, cone, sphere by their names.
- Traces the 2D outlines of 3D objects.
- Observes and identifies these 2D shapes.
- Identifies 2D shapes viz., rectangle, square, triangle, circle by their names.
- Describes intuitively the properties of these 2D shapes.
- Identifies and makes straight lines by folding, straight edged objects, stretched strings and draws free hand and with a ruler.
- Draws horizontal, vertical and slant lines (free hand).
- Distinguishes between straight and curved lines.
- Identifies objects by observing their shadows.

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Numbers

Q.1. One hundred and twenty five is written in numbers as
(a) 152   (b) 125   (c) 512   (d) 215

Q.2. Seventy five is written in numbers as
(a) 57   (b) 73
(c) 75   (d) None of these

Q.3. The number 85 is written in words as
(a) Eighty three   (b) Fifty eight
(c) Eighty five   (d)   Eighty two

Q.4. The number 156 is written in words as
(a) One hundred thirty six
(b) One hundred sixty six
(c) One hundred twenty five
(d) One hundred fifty six

Q.5. The expanded form of the number 235 is
(a) 230 + 5   (b) 200 + 35
(c) 200 + 30 + 5   (d) None of these

Q.6. The expanded form of the number 4, 602 is
(a) 4000 + 62   (b) 4000 + 60 + 2
(c) 4000 + 600 + 2   (d) 4000 + 600 + 20

Q.7. The place value of 2 in 425 is
(a) 2   (b) 20   (c) 200   (d) 22

Q.8. The place value of 8 in 80 is
(a) 8   (b) 80
(c) 08   (d) None of these

Q.9. The face value of 2 in 127 is
(a) 1   (b) 2
(c) 7   (d) None of these

Q.10. The face value of 8 in 85 is
(a) 8   (b) 80
(c) 85   (d) None of these

Q.11. Which of the following symbol in ☐ will make the following sentence true?
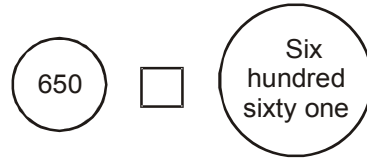
(a) >   (b) <

(c) =   (d) None of these

Q.12. 449 comes just before

(a) 451   (b) 447   (c) 450   (d) 448

Q.13. 650 comes just after

(a) 649   (b) 651

(c) 652   (d) none of these

Q.14. The number comes between 19 and 21 is

(a) 18   (b) 22   (c) 20   (d) 23

Q.15. The number comes between 555 and 557 is

(a) 554   (b) 558   (c) 553   (d) 556

Q.16. 899 comes just before

(a) 900   (b) 898   (c) 897   (d) 901

Q.17. Which figure has the largest number?
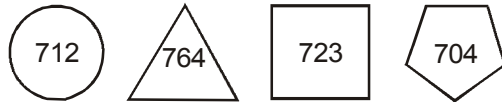
Q.18. 763 = 7 hundred + 6 tens + ▢ ones

Which number will come in ▢ ?

(a) 7   (b) 6

(c) 3   (d) None of these

Q.19. 974 = ▢ hundreds + 7 tens + 4 ones

Which number will come in ▢ ?

(a) 1   (b) 9   (c) 7   (d) 4

Q.20. 7 tens + 8 ones = ?

(a) 87   (b) 780

(c) 78   (d) none of these

Q.21. Which symbol will come in ▢ in the following sentence ?

7 hundreds + 6 tens + 2 ones ▢ 7 hundreds + 7 tens + 0 ones

(a) >   (b) <

(c) =   (d) None of these

Q.22. Which of the following shows *correct* relation ?

(a) 17 > 21   (b) 25 < 31   (c) 35 = 45   (d) 44 $\geq$ 45

Q.23. Which of the following shows correct relation?

(a) 212 > 931   (b) 252 < 253

(c) 444 = 555   (d) 461 < 423

Q.24. Largest two digit number is

(a) 99   (b) 80   (c) 100   (d) 11

Q.25. Smallest two digit number is

(a) 9   (b) 10   (c) 11   (d) 99

Q.26. If 237 = 200 + a + 7, then a =

(a) 3   (b) 300   (c) 30   (d) 37

Q.27. In 437, the digit 3 is in

(a) Ones place   (b) Tens place

(c) Hundred place   (d) None of these

Q.28. The place value of 3 in 381 is

(a) 3   (b) 30

(c) 300   (d) None of these

☺☺☺

ANSWERS

1. (b)	2. (c)	3. (c)	4. (d)	5. (c)	6. (c)	7. (b)	8. (b)
9. (b)	10. (a)	11. (b)	12. (c)	13. (a)	14. (c)	15. (d)	16. (a)
17. (b)	18. (c)	19. (b)	20. (c)	21. (b)	22. (b)	23. (b)	24. (a)
25. (b)	26. (c)	27. (b)	28. (c)				

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CHAPTER 2 Addition and Subtraction

Q.1. The sum of 21 and 32 is
    (a) 53   (b) 35   (c) 54   (d) 45

Q.2. The difference of 75 and 52 is
    (a) 23   (b) 32
    (c) 127   (d) None of these

Q.3. 121 + 314 = ?
    (a) 421   (b) 523   (c) 435   (d) 534

Q.4. 543 – 123 = ?
    (a) 450   (b) 420
    (c) 425   (d) None of these

Q.5.
$$\begin{array}{r} 43 \\ + \square 5 \\ \hline 78 \end{array} \quad , \quad \square =$$
    (a) 1   (b) 2   (c) 3   (d) 4

Q.6. Which shows *correctly* the given figure ?
    ○ ○ ⊗ ○ ○ ⊗ ○ ○ ⊗ ○ ○
    (a) 10 – 4 = 6   (b) 11 – 3 = 8
    (c) 11 – 5 = 6   (d) none of these

Q.7. The sum of two numbers is 500. If one of the number is 200, then the other number is
    (a) 100   (b) 200   (c) 300   (d) 400

Q.8. Rina has 250 stamps. She has 100 more stamps than Puja. Which of the following shows the number of stamps Puja have?
    (a) 250 + 100   (b) 250 – 100
    (c) 150 + 100   (d) 150 – 100

Q.9. If ✪ + ✪ + ✪ + ✪ + ✪ = 10, then ✪ =
    (a) 1   (b) 2   (c) 3   (d) 4

Q.10. What value will come in place of □ ?
$$\begin{array}{r} 456 \\ + 12\square \\ \hline 576 \end{array}$$
    (a) 0   (b) 1   (c) 2   (d) 3

Q.11. Sonu saw 10 birds in a tree. Each bird has 2 legs. How many legs did he see?
    (a) 10   (b) 12   (c) 14   (d) 20

Q.12. Rina has 4 boxes of sweets. Each box has 5 sweets. She gave 10 sweets to her sister. How many sweets are left with Rina?
    (a) 5   (b) 10
    (c) 15   (d) None of these

Q.13. Rahul put 5 ball in each box. How many ball does he use in all boxes?

    (a) 10   (b) 15   (c) 20   (d) 25

Q.14. How many stars the following circles have?

    (a) 10   (b) 15   (c) 20   (d) 25

Q.15. There are 3 books. Each book has 2 pages. How many pages are there in all?
    (a) 5   (b) 6   (c) 7   (d) 8

Q.16. There are 5 shoes. Each shoe has 7 dots. How many dots are there in all
    (a) 12   (b) 30   (c) 35   (d) 40

Q.17. What must be added to 100 to make 80 tens?
    (a) 500   (b) 600   (c) 700   (d) 800

Q.18. If □ + 100 = 150, then □ =
    (a) 200   (b) 150
    (c) 100   (d) 50

Q.19. If □ – 400 = 100, then □ =
    (a) 300   (b) 400
    (c) 500   (d) None of these

Q.20. If ○ + ○ = 100, then the following numbers which will come in place of two ○ is
    (a) 60 and 50   (b) 50 and 70
    (c) 60 and 40   (d) None of these

Q.21. If □ – □ = 45, then the following numbers which will come in place of two □ is

(a) 100 and 35   (b) 120 and 70
(c) 110 and 65   (d) 70 and 35

Q.22. If $\dfrac{\begin{array}{r}125 \\ -\,\square13\end{array}}{112}$, then $\square$ =

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

Q.23. Which two boxes can balance the following scale?
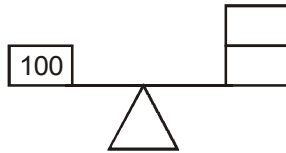
(a) $\boxed{50}$ and $\boxed{40}$ (b) $\boxed{40}$ and $\boxed{60}$
(c) $\boxed{90}$ and $\boxed{30}$ (d) none of these

Q.24. Which number will fill the empty box ?

$$\boxed{6\ \text{tens}\ \boxed{5\ \text{ones}}} \;-\; \boxed{5\ \text{ones}} \;=\; \boxed{}$$

(a) 40   (b) 6   (c) 55   (d) 60

Q.25. What value will come is place of $\square$?

$$\begin{array}{r}567 \\ -\,1\square3 \\ \hline 444\end{array}$$
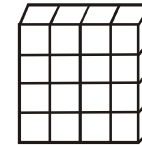
(a) 1   (b) 2   (c) 3   (d) 4

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ANSWERS

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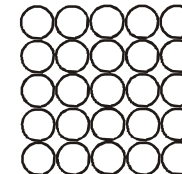**25.** (b)

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Q.1. If $12 \times 4 = \square$, then $\square =$
(a) 16
(b) 8
(c) 48
(d) 84

Q.2. If $13 \times \square = 65$, then $\square =$
(a) 2
(b) 3
(c) 4
(d) 5

Q.3. If $5 \times \square = 7 \times 5$, then $\square =$
(a) 5
(b) 7
(c) 3
(d) 4

Q.4. There are 9 rows of 8 chairs. How many chairs are there in all?
(a) 60
(b) 70
(c) 72
(d) 81

Q.5. 55 has the same value as
(a) 5 + 11
(b) 5 × 5
(c) 5 × 11
(d) none of these

Q.6. How many will be require to complete the given figure?

(a) 12
(b) 16
(c) 20
(d) 24

Q.7. How many ◯ will be require to complete the given figure?

(a) 20
(b) 25
(c) 30
(d) 35

Q.8. If $9 \times \square = 60 + 30$, then $\square =$
(a) 10
(b) 20
(c) 81
(d) 85

Q.9. $3 \times 3 \times 3 \times 3 \times 3 \times 3$ is same as
(a) 3 × 4
(b) 3 × 5
(c) 3 × 6
(d) 3 × 7

Q.10. There are 2 groups of books. If each group contains 4 books. Then the total number of books are

(a) 10   (b) 8

(c) 16   (d) None of these

Q.11. Which of the following represent the multiplication sentence for the given picture?
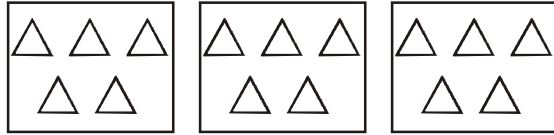
(a) 2 × 5   (b) 3 × 4

(c) 5 × 3   (d) none of these

Q.12. If $24 \div 8 = \square =$, then $\square =$

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

Q.13. If $45 \div \square = 5$, then $\square =$

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

Q.14. Divide 50 by 5 and again by 2. The answer is

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

Q.15. 10 + 10 + 10 + 10 + 10 + 10 is same as

(a) 2 × 20   (b) 2 × 30   (c) 2 × 40   (d) 2 × 50

Q.16. If $153 \div 3 = \square$, then $\square =$

(a) 50   (b) 51   (c) 52   (d) 53

Q.17. 147 stamps are to be shared equally by 7 boys. How many stamps will each boy get ?

(a) 18   (b) 19   (c) 20   (d) 21

Q.18. 9 audio – CDs contain 189 songs. How many songs are there in each audio – CD ?

(a) 21   (b) 18   (c) 20   (d) 23

Q.19. If $\square \div 3 = 7$, then $\square =$

(a) 18   (b) 21   (c) 24   (d) 27

Q.20. If $156 \div 3 = \square$ tens + $\square$ ones, then numbers in two $\square$ are

(a) 6 and 3   (b) 13 and 2

(c) 5 and 2   (d) None of these

Q.21. Which number shows the maximum value ?

$A = 15 \times 3$, $B = 15 \div 3$, $C = 15 + 3$, $D = 15 - 3$

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

Q.22. Divide 60 bananas to 10 children. How many bananas does each child get ?

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

Q.23. Which of the following is *correctly* matched ?

(a) 12 × 6 = 74   (b) 18 ÷ 3 = 5

(c) 11 × 5 = 55   (d) None of these

Q.24. There are 365 days in a year. How many days are there in 2 years ?

(a) 710   (b) 720   (c) 730   (d) 740
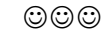
Q.25. Which of the following is not *correctly* matched ?

(a) 3 × 7 = 21   (b)   7 – 3 = 4

(c) 7 + 3 = 9   (d) 9 ÷ 3 = 3

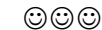**Q.26.** Which symbol should be put in the box to make number sentence correct.

$$81 \; \square \; 9 = 9$$

(a) ×   (b) +   (c) ÷   (d) –

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ANSWERS

1. (c)   2. (d)   3. (b)   4. (c)   5. (c)   6. (b)   7. (b)   8. (a)

9. (c)   10. (b)   11. (c)   12. (b)   13. (d)   14. (d)   15. (b)   16. (b)

17. (d)   18. (a)   19. (b)   20. (c)   21. (a)   22. (c)   23. (c)   24. (c)

25. (c)   26. (c)

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CHAPTER 4

Money

Q.1. Rs 15 =
- (a) 150 paise
- (b) 1500 paise
- (c) 15 paise
- (d) 15000 paise

Q.2. The sum of Rs 10 and Rs 15 is
- (a) Rs 20
- (b) Rs 25
- (c) Rs 30
- (d) Rs 35

Q.3. The sum of Rs 5 and Rs 7 is
- (a) 1200 paise
- (b) 120 paise
- (c) 12000 paise
- (d) 700 paise

Q.4. 2500 paise =
- (a) Rs 250
- (b) Rs 2.5
- (c) Rs 25
- (d) None of these

Q.5. Which of the following sets of coins give Rs 2 ?

(a) 50 paise, 50 paise, 50 paise, 20 paise, 20 paise, 20 paise, 10 paise

(b) 50 paise, 50 paise, 20 paise, 10 paise, 10 paise, 10 paise, 10 paise, 10 paise

(c) 50 paise, 50 paise, 50 paise, 20 paise, 10 paise, 10 paise, 10 paise

(d) None of these

Q.6. How many Rs 10 will make Rs 100 ?
- (a) 7
- (b) 8
- (c) 9
- (d) 10

Q.7. How many Rs 5 you need to make Rs 35 ?
- (a) 5
- (b) 6
- (c) 7
- (d) 8

Q.8. Rs 26.35 + Rs 12.23 = ?
- (a) Rs 38.15
- (b) Rs 38.20
- (c) Rs 38. 58
- (d) None of these

Q.9. Subtraction of Rs 14.25 from Rs 26.75 is
- (a) Rs 12.15
- (b) Rs 6.45
- (c) Rs 6.65
- (d) Rs 12.50

Q.10. Rs 43.40 × 2 = ?
- (a) Rs 86.80
- (b) Rs 86.75
- (c) Rs 86.55
- (d) Rs 86.45

Q.11. Rs 30.00 ÷ 6 = ?
- (a) 4
- (b) 5
- (c) 6
- (d) 7

Q.12. Rs 7.50 in words is
- (a) Seven rupees and five paise
- (b) Seven rupees and twenty five paise
- (c) Seven rupees and fifty paise
- (d) None of these

Q.13. Rajiv has Rs 10.50 in his pocket. His brother gives him Rs 7.25. How much money does Rajiv have now ?
- (a) Rs 17.25
- (b) Rs 17.50
- (c) Rs 17.75
- (d) None of these

Q.14. Lata had Rs 20.50 with her. She bought an ice cream for Rs 15.00. How much money does Lata have now ?
- (a) Rs 5.25
- (b) Rs 5.50
- (c) Rs 5.75
- (d) Rs 5.85

Q.15. Atul buys a bat for Rs 55.00, a ball for Rs 22.50 and three stumps for Rs 36.50. How much has he spent in all ?
- (a) Rs 110.00
- (b) Rs 111.00
- (c) Rs 113.00
- (d) Rs 114.00

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ANSWERS

1. (b) **2.** (b) **3.** (a) **4.** (c) **5.** (c) **6.** (d) **7.** (c) **8.** (c)
9. (d) **10.** (a) **11.** (b) **12.** (c) **13.** (c) **14.** (b) **15.** (d)

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NATIONWIDE INTERACTIVE MATHS OLYMPIAD (NIMO) SAMPLE PAPER

Total duration : 40 Minutes   **Total Marks :** 25

SECTION - A
MENTAL ABILITY

1. Which shape is a triangle?
   (a)   (b)   (c)   (d)

2. Jatin circled numbers on this chart to make a number pattern.

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

   What is the next number Jatin circled to continue his pattern?

   (a) 42   (b) 50   (c) 46   (d) None of these

3. Which of these solid has both a flat surface and a curved surfaced?

   (a)   (b)   (c)   (d) None of these

4. Akhil sorted some shapes into the following groups

   Group A   Group B

   Which of the following shape should Akhil include in **Group B**.

   (a)   (b)
   (c)   (d) None of these

5. Look at this pattern.

   □△○□—○□△○□△○

   What shape is missing?

   (a) ○   (b) □   (c) △   (d) None of these

SECTION - B
MATHEMATICS

6. Kim scored 30 points in a basketball game. Pawan scored 10 fewer points than Kim. How many points did Pawan score?

   (a) 10   (b) 20   (c) 40   (d) None of these

7. A number has **nine ones**, **six tens**, and **eight hundreds**. What is the number?

   (a) 869   (b) 896   (c) 986   (d) None of these

8. What is another way to write **five hundred eighty two**?
   (a) 500 + 82 + 2   (b) 580 + 50 + 2
   (c) 500 + 80 + 2   (d) None of these

9. Which number goes in the box?

 $$386 < \boxed{} < 521$$

   (a) 528   (b) 334   (c) 410   (d) None of these

10. Which sign makes the number sentence true ?

    $$22 + 10 \ \boxed{} \ 32$$

    (a) =   (b) +   (c) >   (d) None of these

11. Which drawing shows three time five ? $[3 \times 5]$

    (a)   (b)
    (c)   (d) None of these

12. Which choice is the same as the number sentence shown?

    $$5 + 5 + 5 + 5 + 5 + 5 + 5 + 5 = \boxed{}$$

    (a) 6×5 (b) 7×5 (c) 8×5 (d) None of these

13. Which picture shows how four children should share twelve cookies equally?

    (a)   (b)   (c)   (d) None of these

14. There are twenty-one shells. The shells are equally divided among three students. How many shells will each student get?

(a) 6   (b) 7   (c) 8   (d) None of these

15. Monika has four 25P, two 50 P, and one 1 Rs. coin . How much money does she have?

25 Paise

50 Paise

Rs. 1

(a) Rs.25   (b) Rs.2.50
(c) Rs.3.00   (d) None of these

16. Jaya has the money you see in the box. Which is a greater amount of money than Jaya's money?

(a)

(b)

(c)

(d) None of these

17. Look at the picture. How many fish did Heena and Beena catch all together?

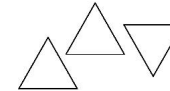| Fish Caught Each 🐟=1 fish	
Henna	🐟 🐟 🐟 🐟
Beena	🐟 🐟 🐟 🐟 🐟 🐟
Krish	🐟 🐟

(a) 6   (b) 10   (c) 12   (d) None of these

18. This comb is about 12 button long. About how many toothpicks long is the comb?

(a) 4   (b) 8   (c) 10   (d) None of these

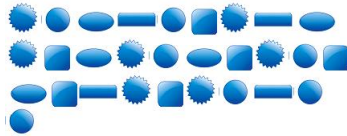**19.** Look at the three triangles. Which of the following shapes can be made from the three triangles?

(a)   (b) ▢   (c)◇   (d) ⬡

20. Which clock shows NEAREST to 3 : 20 ?

(a)   (b)   (c)   (d) None of these

21. Shreya found all these in an old box.

Which chart shows the correct number of each?

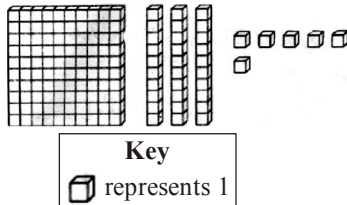(a)   (b)   (c)   (d) None of these

22. Look at the blocks

Key

represents 1

What is the value of these blocks?

(a) 1 ten + 3 hundreds + 6 ones

(b) 1 hundred + 3 tens + 6 ones

(c) 100 hundreds + 30 tens + 6 ones

(d) None of these

SECTION C : INTERACTIVE SECTION

NUMBER MYSTERY

Write each answer in words. Discover the mystery number in the shaded square.

$39 - 34$

3×4

$100 - 90$

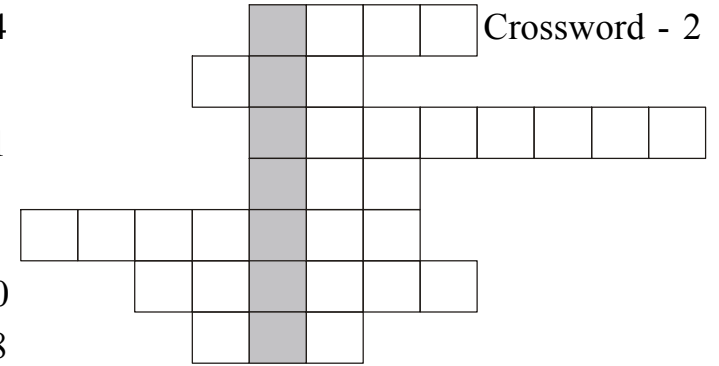$5 + 12$

$16 \div 2$

$54 - 40$

Crossword - 1

$58 - 54$

$24 \div 4$

$75 - 61$

$4 \div 2$

4×4

$10 + 10$

$99 - 98$

Crossword - 2

23. What is the mystery number in **Crossword 1?**

(a) 2   (b) 11   (c) 12   (d) None of these

24. What is the mystery number in **Crossword 2?**

(a) 16   (b) 15   (c) 19   (d) None of these

25. What is the total of **mystery no. 1** and **mystery no. 2**?

(a) 27   (b) 26   (c) 35   (d) None of these

☺ **END OF THE EXAM** ☺

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

☺☺☺