# MATHEMATICS
Class - III, 2010

1. The place value of 0 in 7063 is :

    (A) 100　　　　(B) 63　　　　(C) 0　　　　(D) 7000

2. Rani distributed 105 pencils to her students equally. Each student gets 7 pencils. Then, the number of students is :

    (A) 735　　　　(B) 15　　　　(C) 35　　　　(D) 150

3. The sum of 15 rupees + 18 rupees + 50 paise + 25 paise is equal to :

    (A) Rs.23.75　　(B) Rs.33.75　　(C) Rs.108　　(D) 108 paise

4. Herojit and Deepak together weigh 62 kg. If Herojit alone weighs 30 kg 600 g, then the weight of Deepak is :

    (A) 32 kg 400 g　　(B) 31 kg 600 g　　(C) 30 kg 400 g　　(D) 31 kg 400 g

5. A number with 0 and 5 at one's place is always divisible by :

    (A) 2　　　　(B) 5　　　　(C) 10　　　　(D) 9

6. How many rounds does the minute hand complete in 1 day ?

    (A) 24　　　　(B) 36　　　　(C) 12　　　　(D) 360

7. The fraction represented by the point A in the fig.-I is :
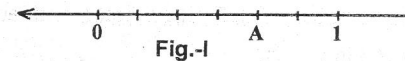
Fig.-I

    (A) $\dfrac{1}{4}$　　　(B) $\dfrac{2}{6}$　　　(C) $\dfrac{4}{6}$　　　(D) $\dfrac{2}{4}$

8. The geometrical figure which has no corner is :

    (A) triangle.　　(B) square.　　(C) rectangle.　　(D) circle.

9. Ngouba saves Rs.36 in a week. The amount that he saves in 1 month is :

    (A) Rs.144　　(B) Rs.72　　(C) Rs.1080　　(D) Rs.36

10. Which of the following is the possible notes of Rs.275 ?

    (A) One 100 rupee note, two 50 rupee, four 20 rupee and one 5 rupee note.

    (B) Five 50 rupee, one 20 rupee and one 5 rupee note.

    (C) Two 100 rupee, one 50 rupee, one 10 rupee and one 5 rupee note.

    (D) One 100 rupee, one 50 rupee, seven10 rupee and one 5 rupee note.

11. 5 years ago, your height was 6 dm 9 cm 7 mm. Now your height is increased by 4 dm 8 mm. Then your present height is :
(A) 1 m 1 dm 5 mm   (B) 1 m 1 dm 6 cm 5 mm
(C) 1 m 5 mm   (D) 1 m 9 cm 5 mm

12. The face value of 3 in 2305 is :
(A) 300   (B) 100   (C) 35   (D) 3

13. The difference between the place value of 7 and face-value of 3 in 5736 is :
(A) 400   (B) 730   (C) 670   (D) 697

14. The Arabic numeral of LXXV is :
(A) 45   (B) 75   (C) 95   (D) 105

15. The sum of the greatest and the smallest numbers formed by the digits 5, 2, 0, 6 is :
(A) 8576   (B) 4464   (C) 5026   (D) 6776

16. A man goes to the market with Rs.900. He buys 3 books at Rs.87 each, two pens at Rs.20 each and a bag at Rs.320. The amount of money left with him is :
(A) Rs.621   (B) Rs.289   (C) Rs.279   (D) Rs.269

17. The product of a number and zero is :
(A) one   (B) number itself   (C) zero   (D) none of these

18. A purse contain five 10 rupee notes, nine 5 rupee notes and ten 50 paise coins. The total money in the purse is :
(A) Rs.24   (B) Rs.50   (C) Rs.90   (D) Rs.100

19. The S.I. unit of length is :
(A) metre   (B) gram   (C) litre   (D) kilogram

20. A rope is cut into four pieces of length 36 m 3 dm, 12 m 6 dm, 25 m 8 dm and 9m 6 dm. The original length of the rope is :
(A) 175 m 3 dm   (B) 84 m 3 dm   (C) 155 m 3 dm   (D) 156 m 3 dm

21. How many 50 paise coins make Rs.10 ?
(A) 10   (B) 50   (C) 20   (D) 100

22. If you start going for your school at 9 : 50 a.m., you go 20 minutes by bus and 5 minutes on foot, you will reach your school at :
(A) 9 : 55 a.m.   (B) 10 : 15 a.m.   (C) 10 : 25 a.m.   (D) 10 : 05 a.m.

23. One quarter to 6 means :
(A) $\frac{1}{4}$ (B) $\frac{2}{4}$ (C) $\frac{3}{4}$ (D) $\frac{3}{2}$

24. Which of the following is a cone ?
(A)   (B)   (C)   (D)
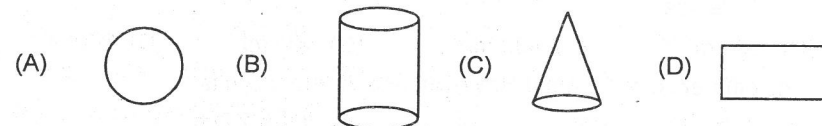
25. How many different numbers can be written using the digits 4, 6 and 8 ?
(A) 4   (B) 6   (C) 8   (D) 468

26. Nine students equally contributed a fund of Rs.227.25. The amount contributed by each student is :
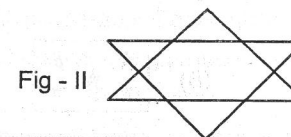(A) Rs.25.25   (B) Rs.35.25   (C) Rs.20.25   (D) Rs.18.25

27. The sum of the successor of 7999 and predecessor of 6999 is :
(A) 14998   (B) 15998   (C) 1002   (D) 2000

28. How many faces are there in a cube ?
(A) 12 faces   (B) 4 faces   (C) 6 faces   (D) 8 faces

29. How many triangles are there in the adjoining fig - II ?

Fig - II

(A) 6   (B) 5   (C) 8   (D) 7

30. The number whose predecessor is 4999 is :
(A) 4998   (B) 5000   (C) 49998   (D) 50000

31. A fruit seller buys 565 oranges. 85 oranges are found rotten and 10 oranges are given to his children. The remaining oranges are packed in 10 boxes. The number of oranges in each box is :
(A) 48   (B) 50   (C) 49   (D) 47

32. 3 feet is equal to :
(A) 24 inches   (B) 1 mile   (C) 1 yard   (D) 1 metre

33. The cost of a dozen of pen is Rs.96. The cost of each pen is :

(A) Rs.8   (B) Rs.10   (C) Rs.12   (D) Rs.15

34. You have two vessels of capacity 100 ml and 500 ml filled with water. Pour both the two vessels into a 1 litre vessel. How much quantity of water is required to fill the 1 litre vessel ?

(A) 500 ml   (B) 400 ml   (C) 600 ml   (D) 800 ml

35. The difference of 12 Km 9 Hm 7 Dm and 20 Km 9 Dm is :

(A) 8 Km 9 Hm 7 Dm   (B) 8 Km 2 Dm

(C) 7 Km 1 Hm 2 Dm   (D) 7 Km 2 Dm

36. How many weeks are there in a year ?

(A) 12   (B) 24   (C) 52   (D) 365

37. The whole collection of an article is :

Which of the following represent the fraction $\frac{1}{4}$.

(A)   (B)

(C)   (D)
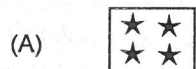
38. The shape of the earth is :

(A) Circle   (B) Hemisphere   (C) Cone   (D) Sphere

39. The expanded form of 5038 is :

(A) 5000 + 300 + 8   (B) 5000 + 300 + 80

(C) 500 + 30 + 8   (D) 5000 + 30 + 8

40. In the given multiplication 63 × 9 = 567, the multiplicand is :

(A) 63   (B) 9   (C) 567   (D) None of these

41. A man bought 3 kg of potatoes at Rs.6.60 per kg, 2 kg of onion at Rs.5.00 per kg, 1 kg of tomato at Rs.7.50. The total money he spent in buying the vegetables is

(A) Rs.19.10   (B) Rs.35.40   (C) Rs.37.30   (D) Rs.35.10

42. Which of the following is on the right side of 8 on the number line ?

(A) 7   (B) 10   (C) 5   (D) 6

43. The quotient and the remainder when 7643 ÷ 15 are :

(A) Quotient = 509 & Remainder = 8

(B) Quotient = 507 & Remainder = 13

(C) Quotient = 508 & Remainder = 7

(D) Quotient = 502 & Remainder = 12

44. How many even numbers are there from 51 upto 100 ?

(A) 25   (B) 24   (C) 50   (D) 49

45. Sita's house is 3 km 250 m away from her school. Her friend Neema's house is 2 km 150 m away from the school. The house which is more far away from the school is :

(A) Sita's house by 1 km 100 m   (B) Sita's house by 1 km 150 m

(C) Neema's house by 1 km 100 m   (D) Neema's house by 1 km 150 m

46. The following pictograph represents the amount of milk given by a cow in a week. The amount of milk produced by the cow on wednesday is :

(A) 6 litres   (B) 10 litres   (C) 8 litres   (D) 12 litres

47. How many lines can be drawn passing through a point ?

(A) One   (B) Two   (C) Ten   (D) Infinite

48. AB is a ray starting from A and can extend endlessly on the side B. It can be represented as :

(A) $\overline{AB}$ (B) $\overrightarrow{AB}$ (C) $\overleftarrow{AB}$ (D) $\overline{AB}$

49. Which of the following is a proper fraction ?

(A) $\frac{21}{7}$ (B) $\frac{8}{4}$ (C) $\frac{9}{3}$ (D) $\frac{1}{2}$

50. The sum of first 10 natural numbers is :

(A) 65   (B) 55   (C) 45   (D) 50

1. The face value of 3 in 1370 is :
   (A) 3   (B) 300   (C) 370   (D) 30

2. The difference between the greatest and the smallest number formed by the digits 4, 5, 7, 8, 0 is :
   (A) 87540   (B) 40578   (C) 46962   (D) 128118

3. In the subtraction,
   $$\begin{array}{r} 537 \\ -294 \\ \hline 243 \end{array}$$
   The subtrahend is :
   (A) 537   (B) 294   (C) 243   (D) All the above

4. In a multiplication, product is 935, multiplicand is 85 and the multiplier is :
   (A) 5   (B) 11   (C) 8   (D) 13

5. If 'a' is at One's place and 'b' is at the Ten's place of a number which is not divisible by 9. The remainder would be :
   (A) $a - b$ (B) $a \times b$ (C) $a + b$ (D) $a \div b$

6. The cost of a dozen of pen is Rs. 84. The cost of one pen is :
   (A) Rs. 7   (B) Rs. 12   (C) Rs. 5   (D) Rs. 10

7. How many 100 g blocks together weigh equal to one 5 kg block ?
   (A) 5   (B) 10   (C) 50   (D) 500

8. The number of complete rounds that the hour hand takes in one day is :
   (A) 12   (B) 60   (C) 24   (D) 2

9. Which sign goes in the box to make the statement true ?
   48 □ 6 = 8
   (A) +   (B) −   (C) ×   (D) ÷

10. How much amount Chaobi has to pay for 1 kg of Rice if it cost Rs. 100 for 5 kg ?
    (A) Rs. 5   (B) Rs. 10   (C) Rs. 15   (D) Rs. 20

11. Find the sum of 567 and 3456. Which digit is in the hundred's place of the sum ?
    (A) 0   (B) 1   (C) 2   (D) 3

12. Cost of one sweet is Re. 1. How much money does Tomba needs to buy 59 sweets ?
    (A) Rs. 48   (B) Rs. 49   (C) Rs. 58   (D) Rs. 59

13. The successor of 9 is the predecessor of :
    (A) 8   (B) 9   (C) 10   (D) 11

14. In a school, there are 12 male teachers, 10 female teachers, 3 office assistants, 1 chowkidar and 550 students. The total number of persons in the school is :
    (A) 562   (B) 572   (C) 576   (D) 575

15. There are 9 sticks. Out of these, 5 sticks are in horizontal position and 4 sticks are in inclined position. The number of meeting points are :
    (A) 14   (B) 13   (C) 9   (D) 20

16. Tomba has 15 flowers. He puts them equally in 3 flower pots. The number of flowers in each pot is :
    (A) 4   (B) 5   (C) 6   (D) 3

17. How many 25 paise coins make Rs. 5 ?
    (A) 4   (B) 8   (C) 10   (D) 20

18. 1 Km = ?
    (A) 10000 dm   (B) 1000 cm   (C) 100000 ml   (D) All the above

19. There are two vessels of 100 ml and 500 ml full of water. You want to fill a vessel of $1l$ using these two vessels. How much more water will be poured to complete the vessel ?
    (A) 600 ml   (B) 400 ml   (C) 1000 ml   (D) 500 ml

20. A pizza cost Rs. 20 more than the price of an ice-cream. The cost of the ice-cream is Rs. 50. The total cost of a pizza and an ice-cream is :
    (A) Rs. 70   (B) Rs. 90   (C) Rs. 30   (D) Rs. 120

21. Which of the following set of numbers is in the order from highest to the least ?
    (A) 982, 985, 989, 789, 525   (B) 1920, 1902, 9102, 2109, 9201
    (C) 9876, 9768, 9678, 8976, 8769   (D) 1920, 9102, 9768, 9321

22. The standard unit of measurement of liquid is :
    (A) Millilitre   (B) Litre   (C) Kilolitre   (D) All the above

23. Sonia puts exactly 5 marbles in each of the 12 vessels. How many marbles she has used in all ?
    (A) 60   (B) 62   (C) 46   (D) 44

24. Rs. 4.90 + Rs. 10 = _____.

   (A) Rs. 10   (B) Rs. 500   (C) Rs. 510   (D) Rs. 14.90

25. If you want to form a greatest 4-digit number using the digits 5, 7, 9, 2. The digit in the Ten's place should be :

   (A) 9   (B) 7   (C) 5   (D) 2

26. 'a' and 'b' are two natural numbers . 'a' is on the right of 'b', then :

   (A) $a > b$ (B) $a < b$ (C) $a = b$ (D) None of these

27. A number is not divisible by 2. Then the digit at One's place should be :

   (A) 0   (B) 4   (C) 7   (D) 6

28. In an examination hall, there are 24 rows of benches. 3 students sit on each bench and there are two invigilators. The total number of persons in the hall is :

   (A) 74   (B) 72   (C) 70   (D) 75

29. The cost of a packet of grapes is Rs. 25.50. The cost of such 5 packets is :

   (A) Rs. 50.25   (B) Rs. 127.50   (C) Rs. 125.50   (D) Rs. 130.50

30. The currency of Bangladesh is :

   (A) Dollar   (B) Yuan   (C) Yen   (D) Taka

31. Leipaklei and Kaboklei together weigh 62 kg. If Leipaklei alone weigh 30 kg 600 g The weight of Kaboklei is :

   (A) 30 kg 600 g   (B) 30 kg 400 g   (C) 31 kg 600 g   (D) 31 kg 400 g

32. How many minutes are there in 1 day ?

   (A) 24   (B) 60   (C) 1440   (D) 3600

33. Tina bought 10 pencils. The cost of each pencil is Rs. 2. The total cost is :

   (A) Rs. 30   (B) Rs. 20   (C) Rs. 50   (D) Rs. 15

34. The capacity of a bucket is equal to the capacity of 3 jugs. The capacity of a jug is 2 litres. The capacity of the bucket is :

   (A) $2l$ (B) $3l$ (C) $6l$ (D) $4l$

35. What would be the best unit to measure the length of a pencil ?

   (A) Centimetres   (B) Metres   (C) Gram   (D) Milligram

36. The difference of the place value and face value of 5 in 3875 is :

   (A) 5   (B) 10   (C) 50   (D) 0

37. If 7 is the sum, 5 is the addend, then augend is :

   (A) 5   (B) 7   (C) 12   (D) 2

38. In a division sum, dividend is 378, quotient is 9, there is no remainder. The divisor is :

   (A) 32   (B) 52   (C) 42   (D) 62

39. Sanahanbi wants to buy a mobile phone. She goes to a shop and buys a mobile. She gives Rs. 5000 to the shopkeeper. The shopkeeper gives back her Rs. 780. The cost of the mobile is :

   (A) Rs. 5780   (B) Rs. 4320   (C) Rs. 4220   (D) Rs. 4230

40. 1 mile = ?

   (A) 1760 feet   (B) 12 inches   (C) 5280 feet   (D) 3 feet

41. Bino had Rs. 31.50. His father gave him Rs. 35.75 and his mother gave him Rs. 43.75. The total amount he had is :

   (A) Rs. 110   (B) Rs. 111   (C) Rs. 90.75   (D) Rs. 112.40

42. $7\,l\,5\,ml = ?$

   (A) 7500 ml (B) 7050 ml (C) 7005 ml (D) 70500 ml

43. The minute-hand of a clock is at 3 and the hour-hand is between 10 and 11. The time is :

   (A) quarter pass 10   (B) quarter to 10

   (C) 10 minutes pass 3   (D) 10 minutes to 3

44. The number of months which have 30 days are :

   (A) 4   (B) 5   (C) 6   (D) 7

45. How many 10 Rupee notes you will get from a 100 Rupee note ?

   (A) 10 notes   (B) 20 notes   (C) 25 notes   (D) None of these

46. A shopkeeper had 38 metres of red cloth. He sold some of the cloth and found 36 m 60 cm of cloth left. How much cloth did he sell ?

   (A) 2 m 80 cm   (B) 380 cm   (C) 1 m 40 cm   (D) 860 cm

47. The length of two ropes are 9 m 6 dm 2 cm and 21 m 5 dm. The difference between the length of the two ropes is :

   (A) 12 m 1 dm 2 cm   (B) 11 m 8 dm 2 cm

   (C) 11 m 9 dm 2 cm   (D) 11 m 8 dm 8 cm

48. 5 is the successor of :

(A) 6   (B) 4   (C) 5   (D) None of these

49. The Arabic numeral of XCIX is

(A) 89   (B) 99   (C) 59   (D) 69

50. You go to a shop and buy a toffee for 75 paise. You give a 100 rupee note to the shopkeeper. The shopkeeper will return back you :

(A) 25 paise   (B) Rs. 99.25   (C) Rs. 90.25   (D) Rs. 25

2012

1. The numeral of "Seven thousand twenty five" is :

(A) 7020   (B) 7205   (C) 7025   (D) 7250

2. The product of 42 and 2 tens is :

(A) 84   (B) 840   (C) 420   (D) 8400

3. What would be the remainder when 17509 divided by 100 ?

(A) 59   (B) 90   (C) 95   (D) 9

4. Robin bought a book for ₹ 15.75 a pen for ₹ 13.80 and a notebook for ₹ 13.50. If he gave a 50 rupee note to the shopkeeper, how much money did he get back ?

(A) ₹ 5.35   (B) ₹ 4.25   (C) ₹ 6.95   (D) ₹ 8.00

5. What is the standard unit of liquid ?

(A) Metre   (B) Litre   (C) Gram   (D) All the above

6. A class test starts when the tip of the minute hand is at 2 and it ends when the tip is at 12 but not one complete revolution. The duration of the exam is :

(A) 40 minutes   (B) 45 minutes   (C) 50 minutes   (D) 60 minutes

7. A proper fraction means :

(A) a fraction in which numerator is smaller than denominator.

(B) a fraction in which numerator is greater than that of denominator.

(C) a fraction in which numerator is equal to denominator.

(D) None of the above.

8. How many even numbers are there from 1 to 50 ?

(A) 20   (B) 22   (C) 23   (D) 25

9. The minute-hand is at 6 and the hour-hand is between 4 and 5. Then the time is :

(A) half past 5   (B) half past 4   (C) quarter to 5   (D) quarter to 4

10. A car has 4 wheels and an autorickshaw has 3 wheels. How many Autorickshaws will have as many wheels as 6 cars ?

(A) 6   (B) 8   (C) 10   (D) 12

11. The product of a number and 1 is always :

(A) 0   (B) 1   (C) number itself   (D) None of these

12. If you have six 50 paise coins and five 20 paise coins. How many money do you have ?

(A) ₹ 5   (B) ₹ 3   (C) ₹ 6   (D) ₹ 4

13. 2 is called successor of 1. So 1 is called :

(A) Predecessor of 2   (B) Successor of 2

(C) Smallest whole number   (D) All the above

14. Tomba appears an exam for 5 subjects. Each subject has 50 questions. He makes 75 questions with wrong answer. The remaining correct answers is distributed equally to all the subjects. How many questions are correct in each subjects ?

(A) 40   (B) 45   (C) 30   (D) 35

15. How many millimetre make 3 metres ?

(A) 30   (B) 300   (C) 3000   (D) 30000

16. Subtract 31 kg 800 gm from 36 kg 300 gm.

(A) 4 kg 500 gm   (B) 5 kg 500 gm

(C) 4 kg 600 gm   (D) 5 kg 600 gm

17. How many months are there in a year which have 30 days ?

(A) 4 months   (B) 5 months   (C) 6 months   (D) 7 months

18. A close figure which has four sides and four corners and all the sides are equal in length. It is called :

(A) Rectangle   (B) Square   (C) Triangle   (D) Circle

19. What number multiplied by 20 will give 640 ?

(A) 34   (B) 33   (C) 32   (D) 31

20. You stood the 1st position in the competition organised by MEC and got ₹ 1100. Out of this your father bought a GK book and take the remaining ₹ 975. What was the price of the GK book ?

    (A) ₹ 125   (B) ₹ 150   (C) ₹ 115   (D) ₹ 250

21. At which place the place value of a digit is always equal to the face value ?

    (A) One's place   (B) Ten's place
    (C) Hundred's place   (D) Thousand's place

22. Find the remainder which when 758 divided by 4.

    (A) 1   (B) 2   (C) 3   (D) 189

23. The expanded form of 3074 is :

    (A) 3000 + 700 + 4   (B) 3000 + 70 + 4
    (C) 3000 + 700 + 40   (D) 300 + 70 + 4

24. Your father's monthly income is ₹ 3800 and your family expenditure is ₹ 3275. How much your father save in 2 years ?

    (A) ₹ 525   (B) ₹ 6300   (C) ₹ 12600   (D) ₹ 8400

25. The cost of a shirt is ₹ 75. The cost of 5 such shirts is :

    (A) ₹ 375   (B) ₹ 125   (C) ₹ 550   (D) ₹ 280

26. A teacher distributed 9 books to 9 students. The total cost of 9 books is ₹ 324. The teacher collected the money from the students. How much each student gave to the teacher for the book ?

    (A) ₹ 34   (B) ₹ 36   (C) ₹ 38   (D) ₹ 40

27. A collection has 20 objects. How many objects are there in one-fourth of the collection ?

    (A) 12   (B) 6   (C) 4   (D) 5

28. How many straight edges are there in a cube ?

    (A) 6   (B) 8   (C) 2   (D) 12

29. The sum of 4597, 1273, 347 and 45 is :

    (A) 5142   (B) 5262   (C) 6262   (D) 6142

30. Chaoba buys 8 chairs for ₹ 896. Then the price of a chair is :

    (A) ₹ 16   (B) ₹ 142   (C) ₹ 102   (D) ₹ 112

31. Which of the following is correct ?

    (A) The addition of two odd numbers is an even number.
    (B) The addition of two even numbers is an even number.
    (C) The addition of an even number and an odd number is an odd number.
    (D) All the above.

32. On 25th Dec., 2011, 230 students, 350 parents, 45 invitees and 30 organisers were visited for the 20th Annual Prize Distribution at Iroishemba. How many persons are there inside the hall on that day ?

    (A) 650   (B) 655   (C) 660   (D) 665

33. The sum of the face values of 8 and 5 in 3875 is :

    (A) 805   (B) 795   (C) 3   (D) 13

34. Which of the following is correct ?

    (A) Subtrahend + Difference = Minuend
    (B) Minuend – Subtrahend = Difference
    (C) Minuend – Difference = Subtrahend
    (D) All the above

35. In a division sum, divisor = 7, remainder = 2 and quotient = 109, then the dividend is = ?

    (A) 765   (B) 763   (C) 225   (D) 218

36. How many yards make 1 mile ?

    (A) 1607   (B) 1076   (C) 1670   (D) 1760

37. You stay 288 hours to your grandmother's house during your Summer vacation. How many days you stay there ?

    (A) 10 days   (B) 11 days   (C) 12 days   (D) 14 days

38. Which one of the following figure is cylinder ?

    (A)   (B)

    (C)   (D)
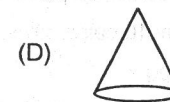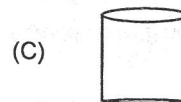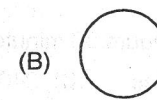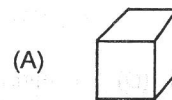
39. How many times can you subtract 9 from 63 ?

(A) 7   (B) 6   (C) 8   (D) 9

40. 35 – 20 = 45 – _____ . Fill in the blank.

(A) 20   (B) 15   (C) 30   (D) 35

41. You draw a line starting from the point 3 cm of your scale to the point 9 cm. The length of the line is :

(A) 7 cm   (B) 6 cm   (C) 5 cm   (D) 8 cm

42. There are 4 sticks in horizontal position and 2 sticks are in inclined position on the same plane. Then the number of meeting points are :

(A) 8   (B) 4   (C) 6   (D) 10

43. Given below is a pictograph showing the children born in this year.

JANUARY	☺☺☺☺
FEBRUARY	☺☺☺
MARCH	☺☺☺☺☺☺
APRIL	☺☺☺
MAY	☺☺☺☺☺
JUNE	☺☺☺☺☺
JULY	☺☺☺
AUGUST	☺☺☺☺☺☺☺
SEPTEMBER	☺☺☺☺

One ☺ represent 2 children.

How many children are born in this year till this month ?

(A) 43   (B) 86

(C) 54   (D) 14

44. How many minutes are there in 2 hours 50 minutes ?

(A) 150 minutes   (B) 170 minutes   (C) 240 minutes   (D) 290 minutes

45. For the Yaoshang your father gives you five 50 paise coins, your mother gives nine 20 paise coins and your brother gives six 10 paise coins. Later you give 80 paise to your sister. How many money is left with you ?

(A) ₹ 4.90   (B) ₹ 4.10   (C) ₹ 3.90   (D) ₹ 3.10

14

46. The sum of 3751 and 2479 is :

(A) 5230   (B) 5220   (C) 6230   (D) 6220

47. Which of the following is wrong ?

(A) A number with 0 at one's place is always divisible by 10.

(B) A number with 0 or 5 at one's place is always divisible by 5.

(C) A number with 0, 2, 4, 6 and 8 at one's place is always divisible by 2.

(D) Those number which are divisible by 2 is always divisible by 4.

48. The Arabic numerals of LXXV is :

(A) 125   (B) 75   (C) 95   (D) 525

49. Quarter to 9 means :

(A) 9 : 15   (B) 9 : 45   (C) 8 : 15   (D) 8 : 45

50. In the problem of subtraction.

Minuend = 9356, Difference = 572, then Subtrahend = ?

(A) 8784   (B) 17540   (C) 9928   (D) 9884

2013

1. How many tens are there from one to one hundred ?

(A) 1   (B) 10   (C) 100   (D) 50

2. Meiraba's jumps 9 steps from the starting point in the ascending order of the number of the table given below. The number on which it stops is _____.

Starting point 5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20

(A) 15   (B) 13   (C) 14   (D) 12

3. Expanded form of 10011 is :

(A) 100000 + 100 + 10 + 1   (B) 100 + 10 + 1

(C) 1000 + 0 + 0 + 10 + 1   (D) 10000 + 0 + 0 + 10 + 1

4. "123456789". The place value of 4 in the given number is _____.

(A) 4000000   (B) 4000   (C) 400000   (D) 400

15

5. The greatest seven digit number adds with the smallest two digit number. It gets a result. From that result 59 has substracted. What is the answer ?

   (A) 10000009   (B) 9999950   (C) 19999950   (D) 9999500

6. In an addition, 70 + 33 = 103. Which of the following is correct ?

   (A) The 1st number is ADDEND and 2nd number is AUGEND and the result is called SUM.

   (B) The 1st number is AUGEND and 2nd number is ADDEND and the result is called SUM.

   (C) The 1st number is AUGEND and 2nd number is SUMMAND and the result is called SUM.

   (D) Both (B) and (C) are correct.

7. Choose the answer which is correct :

   (A) The sum of any number and zero is the number itself.

   (B) Changing of the order of two addeds does change the sum is the order property of addition.

   (C) 5039 + 18204 + 9438 = 32681

   (D) 5 + 7 = 7 + 3 is an example of order property of addition.

8. In a cricket match, Moramba scored 39 runs and Pamheiba scored 79 runs. How many runs do Moramba need to reach fifty and Pamheiba to one hundred ?

   (A) Moramba and Pamheiba need 21 runs and 11 runs respectively.

   (B) Moramba and Pamheiba need 61 runs and 11 runs respectively.

   (C) Moramba and Pamheiba need 11 runs and 21 runs respectively.

   (D) None of the above.

9. 4 candidates appeared in an election for a same seat and they recieved 12599 at all. The 1st candidate got 4444 with 20 invalid votes and 2nd got 3946 with 73 invalid votes and the 3rd got 2997 with 33 invalid votes the last one got 1212 with 13 invalid votes. How many invalid votes were there in the total 12599 votes ?

   (A) 139   (B) 93   (C) 163   (D) 193
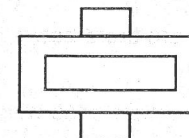
10. Which of the following is true ?

    (A) Subtrahend + Difference = Minuend.

    (B) Subtrahend + Minuend = Difference.

    (C) Both (A) and (B) are correct.

    (D) None of the above

11. An example of grouping property of multiplication is :

    (A) 7 x 3 = 3 x 7 = 21   (B) (2 x 3) x 2 = 2 x (3 x 2) = 12

    (C) 19 x 1 = 19   (D) 4 x 0 = 0

12. The cost of a pen is ₹ 2.00. What is the cost of 30 pens ?

    (A) ₹ 60.00   (B) ₹ 50.00   (C) ₹ 30.00   (D) ₹ 45.00

13. A man has 150 notes of Rupees hundred. He gives it to five poor people equally. How much money do each of poor people recieve ?

    (A) 4500   (B) 7500   (C) 6000   (D) 3000

14. What is the Quotient and remainder when 1688 is divided by 13 ?

    (A) Quotient = 12, Remainder = 128

    (B) Quotient = 102, Remainder = 12

    (C) Quotient = 128, Remainder = 11

    (D) Quotient = 129, Remainder = 11

15. Sanatomba keeps a one rupee coin in his box everyday. How many one-rupee coins are there in the month of june ?

    (A) ₹ 30   (B) ₹ 15   (C) ₹ 45   (D) ₹ 7

16. Substract the sum of ₹ 49.95, ₹ 67.77, ₹ 89.27 from ₹ 300.29

    (A) ₹ 93.30   (B) ₹ 83.30   (C) ₹ 92.30   (D) ₹ 82.30

17. For a picnic 20 boys and 15 girls contributed equally an amount of ₹ 20.01 to their teacher. How much amount of money does the teacher take from all the boys and girls ?

    (A) ₹ 700.00   (B) ₹ 700.35   (C) ₹ 400.20   (D) ₹ 300.15

18. Solve : 17 x 5 x 2 x 3 x 0 x 1 x 2 =

    (A) 1020   (B) 0   (C) 510   (D) 120

19. Add : 1196.30 + 3612.76 + 4552.29 + 3942.42 = ?

    (A) 7733.10   (B) 33103.77   (C) 13303.77   (D) 7373.70

20. Annie gives ₹ 56.40 to his sister Echan to buy a cold drink that cost ₹ 15.50. But Echan buys three cold drinks instead of a cold drink. How much money is left with her after that purchase ?

    (A) ₹ 10.00   (B) ₹ 9.90   (C) ₹ 9.80   (D) ₹ 10.90

21. What is the standard unit of length ?

    (A) Centimetre   (B) Kilometre   (C) Millimetre   (D) Metre

22. Substract : 3 Kg 600 g from 16 Kg 600 gm

    (A) 12 Kg   (B) 13 Kg   (C) 12.6 Kg   (D) 13.6 Kg

23. How many gram equal to one kilogram ?

    (A) $\frac{1}{1000}$ g   (B) 1000 g   (C) 100 g   (D) $\frac{1}{100}$ g

24. How much more is to be added to 250 g to make 1 Kg ?

    (A) 650 g   (B) 850 g   (C) 750 g   (D) 150 g

25. From a vessel containing 5 litres 100 ml of kerosene, Lamyanba fetch out 2 litres 20 ml of kerosene. How much kerosene is left in that vessel ?

    (A) $3\,l\,80\,ml$ (B) $3\,l\,120\,ml$ (C) $7\,l\,120\,ml$ (D) $7\,l\,100\,ml$

26. Which one of the following is correct, when the time is quarter to 7 ?

    (A) The minute hand is at 9 and the hour hand is between 8 and 9.

    (B) The minute hand is at 9 and the hour hand is between 6 and 7.

    (C) The minute hand is at 9 and the hour hand is between 7 and 8.

    (D) None of the above.

27. 132 hours equals to :

    (A) 6 days 13 hrs   (B) 5 days 12 hrs   (C) 6 days 12 hrs   (D) 5 days 13 hrs

28. How many minutes pass 5 O'clock ?
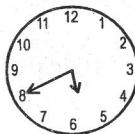
    (A) 20 minutes   (B) 15 minutes   (C) 39 minutes   (D) 40 minutes

29. Chaoba used to walk 25 mins everyday from his home to reach school. When he reaches the school, it is 9 am. What is the time when he leave home for the school ?

    (A) 8:45 am   (B) 8:40 am   (C) 8:25 am   (D) 8:35 am

30. 11 hour 45 mins means :

    (A) Quarter to 11   (B) Quarter to 12

    (C) Quarter pass 11   (D) Quarter pass 12

31. How many rectangles are there in the above figure ?

    (A) 11   (B) 12

    (C) 4   (D) 5

32. Point out the right one :

    (A) The shapes that does begin and end at the same point are called open shapes.

    (B) A closed figure bounded by four line segment forms a triangle.

    (C) A circle has no corners.

    (D) Both (C) and (A)

33. Which of the following is not correct ?

    (A) Cube has 6 faces, 12 edges and 8 vertices.

    (B) A cylinder has 2 curved and no corner.

    (C) Cuboid has 6 plane faces, 12 edges and 8 vertices.

    (D) Sphere has no curve face, edge and vertex.

34. The pictograph given below shows persons died in the year 2010 in Manipur from February to November.

FEBRUARY	☺☺☺☺✖✖✖
MARCH	☺☺☺✖✖✖✖
APRIL	☺☺✖✖✖✖✖✖
MAY	☺☺☺☺☺☺✖✖✖
JUNE	☺☺☺✖✖✖✖
JULY	☺☺✖
AUGUST	☺☺☺✖

SEPTEMBER	☺☺☺☺☺✖✖
OCTOBER	☺☺☺☺☺☺✖✖
NOVEMBER	☺☺✖✖✖✖✖

Here, one ☺ represents 1 men and one ✖ represents 2 women. How many men and women died during these months ?

(A) 35 men, 64 women   (B) 42 men, 24 women

(C) 70 men, 64 women   (D) 24 men, 42 women

35. How many even numbers are there between 1 to 50 ?

(A) 25   (B) 24   (C) 22   (D) 21

36. The addition of two odd number adds with the addition of two even numbers gives :

(A) Even number   (B) Odd number

(C) Neither even number nor odd   (D) All the above

37. The three fourths of collection of pineapples is 168. What is the half of the collection ?

(A) 106   (B) 150   (C) 420   (D) 112

38. Fill up the blank : $79 - \bigcirc = 56$

(A) 32   (B) 12   (C) 29   (D) 23

39. Which of the following is false ?

(A) A one rupee note is equal to hundred paise.

(B) An iron rod of 1000 g is equal to a wollen band of 1000 g.

(C) A thousand paise is not equal to hundred rupees.

(D) One-fourth of rupees one hundred is not equal to rupees twenty five.

40. What is the sum of 10, 11, 12, ... upto 20 ?

(A) 165   (B) 175   (C) 126   (D) 146

41. What is the Roman numerals of Arabic numerals 87 ?

(A) XXXVII   (B) LXXVII   (C) LXXXVII   (D) LXXXVIII

42. Complete the magic triangle :

(A) 8   (B) 9

(C) 7   (D) 6
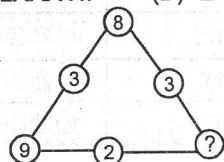
43. What is the relation between Divisor, Divident, Quotient and Remainder ?

(A) Divisor = Divident x Quotient + Remainder

(B) Quotient = Divident x Divisor + Remainder

(C) Remainder = Divisor x Divident + Quotient

(D) Divident = Divisor x Quotient + Remainder

44. Point out non-standard units of capacity from the following :

(A) Likhai   (B) Litre   (C) Decilitre   (D) Millilitre

45. How many minutes make a week ?

(A) 7200 minutes   (B) 10080 minutes   (C) 8640 minutes   (D) 5040 minutes

46. How many corners are there in the following figure ?

(A) 4 corners   (B) 8 corners

(C) 6 corners   (D) 7 corners

47. What is the predecessor of 99 ?

(A) 98   (B) 100   (C) 97   (D) 101

48. The sum of the place values of 3 and 2 in 98372001 is :

(A) 5   (B) 302000   (C) 300201   (D) 32001

49. How many days are there in a leap year ?

(A) 365 days   (B) 376 days   (C) 364 days   (D) 366 days

50. The following figure is called _____.

(A) Sphere   (B) Cylinder

(C) Circle   (D) Cone

2010

1.	C	2.	B	3.	B	4.	D	5.	B	6.	A
7.	C	8.	D	9.	A	10.	B	11.	A	12.	D
13.	D	14.	B	15.	A	16.	C	17.	C	18.	D
19.	A	20.	B	21.	C	22.	B	23.	D	24.	C
25.	B	26.	A	27.	A	28.	C	29.	C	30.	B
31.	D	32.	C	33.	A	34.	B	35.	C	36.	C
37.	B	38.	D	39.	D	40.	A	41.	C	42.	B
43.	A	44.	A	45.	A	46.	D	47.	D	48.	B
49.	D	50.	B								

2011

1.	A	2.	C	3.	B	4.	B	5.	C	6.	A
7.	C	8.	D	9.	D	10.	D	11.	A	12.	D
13.	D	14.	C	15.	D	16.	B	17.	D	18.	A
19.	B	20.	D	21.	C	22.	D	23.	A	24.	D
25.	C	26.	A	27.	C	28.	A	29.	B	30.	D
31.	D	32.	C	33.	B	34.	C	35.	A	36.	D
37.	D	38.	C	39.	C	40.	C	41.	B	42.	C
43.	A	44.	A	45.	A	46.	C	47.	D	48.	B
49.	B	50.	B								

2012

1.	C	2.	B	3.	D	4.	C	5.	B	6.	C
7.	A	8.	D	9.	B	10.	B	11.	C	12.	D
13.	A	14.	D	15.	C	16.	A	17.	A	18.	B
19.	C	20.	A	21.	A	22.	B	23.	B	24.	C
25.	A	26.	B	27.	D	28.	D	29.	C	30.	D
31.	D	32.	B	33.	D	34.	D	35.	A	36.	D
37.	C	38.	C	39.	A	40.	C	41.	B	42.	A
43.	B	44.	B	45.	B	46.	C	47.	D	48.	B
49.	D	50.	A								

2013

1.	B	2.	C	3.	D	4.	C	5.	B	6.	D
7.	B	8.	C	9.	A	10.	A	11.	B	12.	A
13.	D	14.	D	15.	A	16.	A	17.	B	18.	B
19.	C	20.	B	21.	D	22.	B	23.	A	24.	C
25.	A	26.	B	27.	B	28.	D	29.	D	30.	B
31.	C	32.	C	33.	D	34.	A	35.	B	36.	A
37.	D	38.	D	39.	D	40.	A	41.	C	42.	B
43.	D	44.	A	45.	B	46.	C	47.	A	48.	B
49.	D	50.	B								

# MATHEMATICS
Class - IV, 2010

1. The digit which has greatest place value in 35209 is :
   (A) 9   (B) 0   (C) 5   (D) 3

2. The sum of two prime numbers is also a prime number. Then the two prime numbers are :
   (A) 17 and 5   (B) 29 and 43   (C) 71 and 2   (D) 31 and 47

3. A boy runs 2 times around a field which is 350 m long and 280 m wide. The distance covered by him is :
   (A) 12 km 60 m   (B) 630 m   (C) 2 km 520 m   (D) 25 km 50 m

4. Sanahanbi bought a sugarcane of length 1 m 75 cm. She cut the sugarcane into 5 equal pieces. Find the length of the three pieces.
   (A) 35 cm   (B) 105 cm   (C) 75 cm   (D) 1 m

5. There are two numbers, one is greatest number of five digits and the other is the greatest number formed with the digit 6,9,0,7,8. The difference of the numbers is :
   (A) 6789   (B) 1329   (C) 2389   (D) 1239

6. The sum of two numbers is 910. When one of the number is divided by 51 leaves 17 as the quotient without any remainder. Find the remainder when the other number is divided by 17.
   (A) 7   (B) 8   (C) 9   (D) 10

7. The largest two digit prime number is :
   (A) 91   (B) 93   (C) 97   (D) 99

8. Which of the following pairs of fractions are not equivalent fraction ?
   (A) $\dfrac{5}{8}, \dfrac{20}{32}$ (B) $\dfrac{7}{9}, \dfrac{35}{45}$ (C) $\dfrac{14}{16}, \dfrac{28}{40}$ (D) $\dfrac{12}{15}, \dfrac{20}{25}$

9. How many 500 grams make 10 kg ?
   (A) 5   (B) 10   (C) 50   (D) 20

10. In a division, Dividend = 46416, Quotient = 365 and Remainder = 61, Divisor = ?
    (A) 127   (B) 271   (C) 356   (D) 137

11. Every odd number is a multiple of :
   (A) 1   (B) 2   (C) 5   (D) 10

12. A fraction with numerator is greater than that of denominator is called :
    (A) proper fraction
    (B) improper fraction
    (C) mixed fraction
    (D) like fraction

13. A person bought a plot of land for Rs.38095. He spend Rs.2800 for levelling it and Rs.2750 to dig a well. He built a house for Rs.75245. The money that he spend in all :
    (A) Rs.118890
    (B) Rs.43645
    (C) Rs.116140
    (D) Rs.116090

14. What part of one kg is equal to $\frac{1}{8}$ part of 400 grams ?
    (A) $\frac{1}{2}$
    (B) $\frac{1}{10}$
    (C) $\frac{1}{20}$
    (D) $\frac{1}{50}$

15. Simplify : $18 \div 6 \times 5 - 8 \times 24 \div 6 + 7$
    (A) -10
    (B) -24
    (C) -54
    (D) -12

16. An individual get 75 grams of sugar in a week. If a family gets, 15 kg 600 grams sugar in 364 days. The number of the members in the family are :
    (A) 3
    (B) 4
    (C) 5
    (D) 6

7. What fraction of three score is 10 ?
    (A) $\frac{1}{6}$
    (B) $\frac{1}{4}$
    (C) $\frac{1}{2}$
    (D) $\frac{1}{3}$

18. $\frac{2}{25}$ of a litre = ?
    (A) 40l
    (B) 80l
    (C) 40 ml
    (D) 80 ml

19. The capacity of a bucket is 7l 500 ml and a reservoir is 480l. How many bucketful of water required to fill the reservoir ?
    (A) 60
    (B) 64
    (C) 68
    (D) 72

20. What was the total earning of a labourer who work during the period from 30 December 2001 to 1 March 2002 at the rate of Rs.100 a day ?
    (A) Rs.6200
    (B) Rs.6000
    (C) Rs.9000
    (D) Rs.2800

21. The three side of a four sided figure are 4 cm, 5 cm and 6 cm and its perimeter is 23 cm. The length of the fourth side is :
    (A) 7 cm
    (B) 6 cm
    (C) 8 cm
    (D) 9 cm

22. Our exam starts at 9:15 am and finish at 2:30 pm. The time span of our exam is :
    (A) 5 Hr 30 mins
    (B) 5 Hr 15 mins
    (C) 4 Hr 45 mins
    (D) 4 Hr 15 mins

23. Find out the incorrect one.
    (A) S.P. = C.P. + Profit
    (B) Loss = C.P. − S.P.
    (C) Profit = S.P. − C.P.
    (D) C.P. = S.P. − Loss

24. How many 25 paise coins make one rupee ?
    (A) 2
    (B) 5
    (C) 4
    (D) 6

25. In a library, 330 books increase everyday. The number of books increased in the library in the month of August was :
    (A) 9900
    (B) 660
    (C) 120450
    (D) 10230

26. The greatest 4-digit number using different digits is :
    (A) 9999
    (B) 1000
    (C) 9786
    (D) 9876

27. The expanded form of 305104 is :
    (A) 30000 + 5000 + 10 + 4
    (B) 300000 + 5000 + 100 + 4
    (C) 300000 + 50000 + 100 + 4
    (D) 300000 + 5000 + 100 + 40

28. A teacher gives a rope to the students and ask to cut the rope into 12 equal pieces. The length of a piece is 7 m 25 cm. The length of the original rope is :
    (A) 87 m
    (B) 90 m
    (C) 94.25 m
    (D) 72.5 m

29. A man started reading a book on 7th of September and finish it after 25 days. On what day the man finish it ?
    (A) 30th Sept.
    (B) 1st August
    (C) 2nd August
    (D) 3 August

30. The given triangle is a / an :
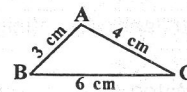
    (A) equilateral triangle.
    (B) isosceles triangle.
    (C) scalene triangle.
    (D) right triangle.

31. The difference of the HCF and LCM of 24 gram and 0.36 hectogram is :
    (A) 12 gram
    (B) 84 gram
    (C) 60 gram
    (D) 72 gram

32. A fruit seller bought 25 kg apples. By selling these at Rs.30 a kg, he get the total selling price _____.

    (A) Rs.700   (B) Rs.550   (C) Rs.600   (D) Rs.750

33. The weight of a marble is 15 g. The weight of such 200 marble is :

    (A) 1 kg   (B) 2 kg 500 g   (C) 3 kg   (D) 4 kg 250 g

34. The fraction of the unshaded part in the whole is :
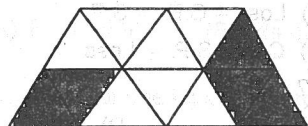
    (A) $\dfrac{5}{12}$ (B) $\dfrac{5}{7}$ (C) $\dfrac{7}{12}$ (D) $\dfrac{7}{5}$

35. The difference of the largest and the smallest number formed with 5, 3, 0, 9, 7 is :

    (A) 6951   (B) 66951   (C) 95730   (D) 3579

36. The sum of 18 Ten Thousands 6 Hundred + 5 Thousands 7 Hundred is :

    (A) 1 Lakh 86 Thousands 3 Hundred   (B) 19 Ten Thousands 3 Hundred

    (C) 1 Lakh 85 Thousands 3 Hundred   (D) 18 Ten Thousands 11 Hundred

37. Ibemhal's father gave her Rs.75.25. She had spent Rs.17.95. Again, her mother gave her Rs.18.25. How much money does she have now ?

    (A) Rs.75.25   (B) Rs.75.55   (C) Rs.57.30   (D) Rs.57.25

38. The distance between the first and the last tree is 2 hm 9 m. What is the distance between two consecutive trees, if there are 12 trees and are of equal distance ?

    (A) 19 m   (B) 1.5 m   (C) 17 m   (D) 18 m

39. The product of 1 and a number is :

    (A) 1   (B) 0   (C) number itself   (D) infinity

40. In a shop $\dfrac{1}{3}$ part of mobiles are Nokia, $\dfrac{1}{5}$ parts are Motorola and rest parts are Sony Ericson. What part of mobile is Sony Ericson ?

    (A) $\dfrac{7}{15}$ (B) $\dfrac{8}{15}$ (C) $\dfrac{5}{12}$ (D) $\dfrac{7}{8}$

4

41. The smallest 3-digit number which is a multiple of 8 and 6 is :

    (A) 102   (B) 104   (C) 144   (D) 120

42. Yaima bought $4\dfrac{1}{2}$ litres of milk on Monday, $2\dfrac{1}{2}$ litres on Tuesday and $5\dfrac{1}{2}$ litres on Wednesday. The amount of milk he bought is :

    (A) $10\dfrac{1}{2}$ litres   (B) $12\dfrac{1}{2}$ litres   (C) $11\dfrac{1}{2}$ litres   (D) $13\dfrac{1}{2}$ litres

43. The cost of 547 pens is Rs.11487. The cost of such 8 pens is :

    (A) Rs.21   (B) Rs.126   (C) Rs.168   (D) Rs.4376

44. The digital root of 94622 is :

    (A) 5   (B) 7   (C) 23   (D) 32

45. The number which has only two factors is :

    (A) 1   (B) 0   (C) 5   (D) 4

46. In a city, 40000 persons go to work. Out of these 9807 persons travel by car, 13415 by bus, 11531 by cycle and the rest go on foot. The number of persons go to work on foot is :

    (A) 34753   (B) 5247   (C) 16778   (D) 5427

47. The pictograph given below shows the number of letter collected from a post box on the working days of a week.

Days	No. of letters
Monday	✉ ✉ ✉ ✉ ✉ ✉
Tuesday	✉ ✉ ✉ ✉
Wednesday	✉ ✉ ✉ ✉ ✉ ✉ ✉
Thursday	✉ ✉ ✉ ✉ ✉
Friday	✉ ✉
Saturday	✉ ✉ ✉ ✉ ✉ ✉

One ✉ represent 6 letters.

The total number of letters collected from the post box in the week is :

    (A) 190   (B) 178   (C) 164   (D) 180

5

48. Which of the following is a Natural number ?

(A) $\frac{1}{4}$ (B) $\frac{2}{4}$ (C) $\frac{4}{1}$ (D) $\frac{3}{4}$

49. The difference between the smallest 5-digit number and greatest 4-digit number is :

(A) 10000 (B) 1000 (C) 1 (D) 100

50. The distance from Ratan's house and his school is 18.25 km. He walks 0.8 km, travels 12 km by train and remaining part by bus. He returns in the same way. How many kilometres does he travel by bus daily ?

(A) 5.45 km (B) 6.25 km (C) 17.45 km (D) 10.90 km

2011

1. "Thirty four thousand fifty"
   In the above number, the number of digits other than 0 is :

(A) 5 (B) 4 (C) 3 (D) 0

2. The digital root of 83461 is :

(A) 2 (B) 22 (C) 1 (D) 4

3. The prime factorization of 450 is :

(A) $2 \times 2 \times 3 \times 3 \times 5$ (B) $2 \times 3 \times 3 \times 3 \times 5 \times 5$
(C) $2 \times 3 \times 3 \times 3 \times 5$ (D) $2 \times 3 \times 3 \times 5 \times 5$

4. A carton holds 24 dozens of screwdrivers. The number of screwdrivers in 65 cartons is :

(A) 1560 (B) 18720 (C) 15600 (D) 17326

5. Ram works for 8 hours in a day. He earns Rs. 216 per day. How much does he earn in 48 hours ?

(A) Rs. 27 (B) Rs. 343 (C) Rs. 756 (D) Rs. 1296

6. Purnima has 14 m 65 cm long ribbon. She takes 2 m 20 cm of the ribbon for her and the remaining is distributed equally to three children. The share of each child is :

(A) 4 m 75 cm (B) 4 m 50 cm (C) 4 m 45 cm (D) 4 m 15 cm

7. The area of a rectangle is :

(A) *length + breadth* (B) *length × breadth*

(C) $2(length + breadth)$ (D) $\frac{1}{2}(length \times breadth)$

8. Renuka leaves her home for school at 6 : 30 a.m. She reaches school after 1 hour 40 minutes. The time she reaches school is :

(A) 7 : 10 a.m. (B) 7 : 50 a.m. (C) 8 : 10 a.m. (D) 8 : 50 a.m.

9. A school is closed for summer vacation for 14 days and it is re-opened on 6th June. On what day the vacation start ?

(A) 22 May (B) 23 May (C) 24 May (D) 25 May

10. The sum of the two numbers is 910. When one of the number is divided by 51 leaves 17 as the quotient without any remainder. The other number is :

(A) 867 (B) 9 (C) 392 (D) 43

11. The smallest odd composite number is :

(A) 3 (B) 5 (C) 9 (D) 15

12. The cost of 547 pens is Rs. 11487. The cost of such 8 pens is :

(A) Rs. 21 (B) Rs. 126 (C) Rs. 168 (D) Rs. 4376

13. Which of the following is not a twin prime ?

(A) (57, 59) (B) (41, 43) (C) (71, 73) (D) (5, 7)

14. The smallest 5 digit number using different digits is :

(A) 98765 (B) 10000 (C) 11111 (D) 10234

15. Bembem had three 20 rupee notes and four 10 rupee notes. She changed the total amount as 5 rupee coin. The number of 5 rupee coin is :

(A) 20 (B) 10 (C) 30 (D) 40

16. 16479 bricks are required to build a cattleshed and a house needs 8864 more than the number of bricks of the cattleshed. The total number of bricks required to build the house and the cattleshed is :

(A) 25343 (B) 41822 (C) 24094 (D) 40236

17. The perimeter of a triangle is 24 cm and the length of two sides are 10 cm and 8 cm. The length of the remaining sides is :

(A) 4 cm (B) 8 cm (C) 6 cm (D) 10 cm

18. The price of a pen is Rs. 20, a book is Rs. 50, a pencil is Rs. 5 and a sticker is Rs. 3. A boy buys 3 pens, 2 books, 1 pencil and 9 stickers. The total cost is :

(A) Rs. 100 (B) Rs. 192 (C) Rs. 190 (D) Rs. 182

19. A fair started on 7th of September and ended on the 6th of October. How long did the fair last ?

    (A) 30 days　　　(B) 29 days　　　(C) 31 days　　　(D) 32 days

20. How many seconds are there in one day ?

    (A) 86400　　　(B) 8600　　　(C) 1440　　　(D) 3600

21. Find the digit in place of * if 493*7 is divisible by 3.

    (A) 0　　　(B) 1　　　(C) 2　　　(D) 5

22. The greatest number formed by the digits 6,5,2,8 and the greatest four digit number formed by the different prime numbers only. Which one is greater by how much ?

    (A) The greatest number formed by the digits 6,5,2,8 by 1120.

    (B) The greatest number formed by the digits 6,5,2,8 by 1110.

    (C) The greatest number formed by the different prime numbers by 1120.

    (D) The greatest number formed by the different prime numbers by 1110.

23. Simplify 35 ÷ 7 × 5 + 40 ÷ 8 − 6.

    (A) 36　　　(B) 22　　　(C) 30　　　(D) 24

24. The distance between the first tree and the last tree is 2 Hm 2 Dam 5 m. The distance between two consecutive tree if there are 26 trees in all is :

    (A) 9 m　　　(B) 9 Dam　　　(C) 5 Dam 9 m　　　(D) 3 Dam

25. How many possible 4 digit numbers can be formed by using the digits 2,9,8,0, ?

    (A) 16　　　(B) 18　　　(C) 20　　　(D) 24

26. The factor of a number are :

    (A) always less than the number　　　(B) less than or equal to the number

    (C) greater than or equal to the number　　(D) always greater than the number

27. What prime number should be added to a prime number so that the sum is also a prime number ?

    (A) 2　　　(B) 5　　　(C) 7　　　(D) None of these

28. Which of the following is false ?

    (A) Dividend is always greater than or equal to Divisor.

    (B) Divisor × Quotient = Dividend − Remainder

    (C) Dividend is a multiple of Divisor when remainder is 0.

    (D) Remainder is greater than Divisor.

29. A merchant bought a cement bag for Rs. 175.50. He sold it with a profit of Rs. 15.50. The selling price of the cement bag is :

    (A) Rs. 191　　　(B) Rs. 160　　　(C) Rs. 180.50　　　(D) Rs. 190.50

30. The length and breadth of a rectangle are 12 cm and 5 cm. The perimeter of the rectangle is :

    (A) 17 cm　　　(B) 27 cm　　　(C) 34 cm　　　(D) 32 cm

31. The cost of 2 kg of peas is Rs. 80. The cost of 100 g of pea is :

    (A) Rs. 8　　　(B) Rs. 6　　　(C) Rs. 4　　　(D) Rs. 10

32. A car starts driving from Imphal at 5 : 20 a.m. for Thanga. The car reaches Thanga at 7 : 10 p.m. the time taken for the journey is :

    (A) 14 hrs 10 min　(B) 2 hrs 10 min　(C) 14 hrs 50 min　(D) 13 hrs 50 min

33. The price of 6 mobile phones and a television together is Rs. 13500. The price of the television is as much as three mobile phones. The price of a mobile phone is :

    (A) Rs. 1000　　　(B) Rs. 1200　　　(C) Rs. 1500　　　(D) Rs. 2300

34. When a number is divided by 24 leaves remainder 8. What should be the remainder when the same number is divided by 6 ?

    (A) 2　　　(B) 4　　　(C) 0　　　(D) None of these

35. Tarun earns Rs. 10000 a month and spends Rs. 275 a day. His annual saving is :

    (A) Rs. 19625　　(B) Rs. 7025　　(C) Rs. 17255　　(D) Rs. 70025

36. The expanded form of 305104 is :

    (A) 30000 + 5000 + 10 + 4　　　(B) 300000 + 5000 + 100 + 4

    (C) 300000 + 50000 + 100 + 4　　(D) 300000 + 5000 + 100 + 40

37. A number is a multiple of 72. It is also a multiple of :

    (A) 6　　　(B) 9　　　(C) 12　　　(D) All the above

38. The digit which has the greatest place value in 10796 is :

    (A) 1　　　(B) 0　　　(C) 9　　　(D) 7

39. The total amount contributed by a certain number of student in a school is Rs. 3855. The contribution of each student is Rs. 15. The number of student is :

    (A) 57825　　　(B) 42　　　(C) 257　　　(D) 300

40. How many composite numbers are there from 1 to 100 ?

    (A) 72　　　(B) 73　　　(C) 74　　　(D) 75

41. All the sides of a heptagon are equal. The length of one side is 200 m. The perimeter of the heptagon is :

(A) 808 m   (B) 1 km 400 m   (C) 1 km 200 m   (D) 1000 m

42. How many weeks are there in a year ?

(A) 50   (B) 51   (C) 52   (D) 54

43. How many 200 mm make 5 m ?

(A) 10   (B) 20   (C) 22   (D) 25

44. The sum of the three consecutive numbers is 21. The three numbers are :

(A) 5, 6, 7   (B) 6, 7, 8   (C) 7, 8, 9   (D) 8, 9, 10

45. $100 \times 10 \div 10 \times 100 =$ _____

(A) 10   (B) 100   (C) 1000   (D) 10000

46. The number whose predecessor 98 is :

(A) 97   (B) 98   (C) 99   (D) 100

47. The smallest multiple of 13 is :

(A) 1   (B) 23   (C) 26   (D) 13

48. Which of the following number has more than two factors ?

(A) 2   (B) 59   (C) 87   (D) 97

49. Pakpi bought 15 metres of cloth from the market. She sold out 7 m 585 mm and 5 m 415 mm to her friends Memcha and Leipaklei respectively. The quantity of cloth still left with her is :

(A) 3 m 315 mm   (B) 2 m   (C) 2 m 315 mm   (D) 3 m

50. The difference between a number and 2 lakhs is 976. The number is :

(A) 199124   (B) 199024   (C) 190924   (D) 190024

2012

1. There are two numbers, first number is 3-digit number with 8 in the left most and second number is 4-digit number with 2 in the left most. Which number has the greater place value of the left most digit ?

(A) First number with 8 in the left most.

(B) Second number with 2 in the left most.

(C) The place value are the same.

(D) None of the above.

2. How many composite numbers are there between 21 and 70 ?

(A) 39   (B) 38   (C) 37   (D) 36

3. The number of zero that end in the product of 500×7000 is :

(A) 5   (B) 4   (C) 3   (D) 6

4. There are 4385 cabbage plants in 25 rows in a field. The first row contains 10 more plants than the others and the remaining rows contain equal numbers of plants. The number of plants contain in the first row is :

(A) 165   (B) 175   (C) 185   (D) 195

5. If the radius of a circle is 5 cm. The longest chord of the circle is :

(A) 5 cm   (B) 8 cm   (C) 15 cm   (D) 10 cm

6. The price of a book is as much as 4 pens. If the cost of 5 pens and 2 books is ₹ 325. Then the cost of 1 pen is :

(A) ₹ 15   (B) ₹ 20   (C) ₹ 45   (D) ₹ 25

7. How many even multiples of 7 are there between 15 to 85 ?

(A) 3   (B) 11   (C) 5   (D) 7

8. The value of $64 \div 4 \times 36 - 19$ is :

(A) 537   (B) 457   (C) 557   (D) 437

9. A tin contains $15\frac{1}{3}$ litres of oil and out of which $2\frac{2}{3}$ litres are lost due to leakage. The quantity of oil still left in the tin is :

(A) $12\frac{2}{3}$ litres   (B) $13\frac{1}{3}$ litres   (C) $12\frac{1}{3}$ litres   (D) $13\frac{2}{3}$ litres

10. By how much 5 times of 100 less than 840 ?

(A) 740   (B) 735   (C) 430   (D) 340

11. You go to school from 9 : 15 a.m. and reach the school at 9 : 55 a.m. How long you take to reach the school ?

(A) 25 minutes   (B) 30 minutes   (C) 35 minutes   (D) 40 minutes

12. The predecessor of the greatest 3-digit number is :

(A) 99   (B) 98   (C) 999   (D) 998

13. The sum of the smallest 4-digit number, greatest 3-digit number and smallest 2-digit number is :

(A) 4-digit number   (B) 5-digit number

(C) 9-digit number   (D) 6-digit number

14. There were 2578 students studying in your school during the year 2010 - 2011. At the end of the year 349 students passed out from the school and 78 new students took admission in the school. How many students are studying this year i.e. 2011 - 2012 ?

(A) 2229   (B) 2151   (C) 2307   (D) 3005

15. In a fraction if the denominator is less than that of numerator, then the fraction is called :

(A) Proper fraction   (B) Improper fraction

(C) Like fraction   (D) Equivalent fraction

16. If you sold 5 kg of rice at ₹ 16 a kg, you got 4 kg of sugar in exchange. What was the rate of sugar a kg ?

(A) ₹ 16   (B) ₹ 18   (C) ₹ 20   (D) ₹ 22

17. The quotient when the product of 16 and 98 is divided by 8 gives :

(A) 12.25   (B) 196   (C) 72   (D) 274

18. All the prime numbers are :

(A) even numbers   (B) odd numbers

(C) either even or odd   (D) neither even nor odd.

19. How many vertices are there in a quadrilateral ?

(A) One   (B) Two   (C) Three   (D) Four

20. A 13 m 55 cm long ribbon is equally distributed among 5 girls. What is the length of the ribbon that each girl gets ?

(A) 2 m 71 cm   (B) 3 m 18 cm   (C) 2 m 17 cm   (D) 3 m 81 cm

21. There are 50 chalk sticks in a chalk box. How many chalk sticks are there in 8 boxes ?

(A) 400   (B) 420   (C) 320   (D) 350

22. In a 4-digit number there are two equal digits in the number such that the sum of the place values and difference of the place values are the same, then the digit must be :

(A) 0   (B) 1   (C) 2   (D) 5

23. Find the greatest number of 6-digits whose ten's place digit is one-third the hundred's place digit.

(A) 999399   (B) 999993   (C) 993999   (D) 999939

24. The price of a T.V. was ₹ 5000. For the Ningol Chakkouba festival the shopkeeper offered ₹ 100 discount and he sold 95 T.V. The amount he received in selling 95 T.V. was :

(A) ₹ 475000   (B) ₹ 455000   (C) ₹ 470000   (D) ₹ 465500

25. Our competition starts at 9 : 40 a.m. and finish at 3 : 15 p.m. The duration of our competition is :

(A) 4 hrs 30 mins   (B) 5 hrs 30 mins   (C) 4 hrs 35 mins (D) 5 hrs 35 mins

26. A close plane figure bounded by three line segments in which two of them are equal is called :

(A) Scalene triangle   (B) Equilateral triangle

(C) Isosceles triangle   (D) Circle

27. The difference of two numbers is 85. When the larger number is divided by 8 gives 17 as quotient and 3 as remainder. Then the smaller number is :

(A) 54   (B) 139   (C) 24   (D) 69

28. The number of all the factors of 36 is :

(A) 9   (B) 8   (C) 7   (D) 6

29. How many seconds are there in 2 hours ?

(A) 60   (B) 7200   (C) 180   (D) 3600

30. The lowest term of $\dfrac{42}{63}$ is :

(A) $\dfrac{6}{9}$ (B) $\dfrac{2}{7}$ (C) $\dfrac{2}{3}$ (D) $\dfrac{1}{3}$

31. 5 measure of 500 ml and 2 measure of 100 ml is equal to :

(A) 4 measure of 500 ml, 2 measure of 200 and 2 measure of 100.

(B) 4 measure of 500 ml, 2 measure of 200 and 3 measure of 100

(C) 4 measure of 500 ml, 3 measure of 200 and 2 measure of 100

(D) 4 measure of 500 ml, 3 measure of 200 and 3 measure of 100

32. Those numbers which have only two factors 1 and the number itself are called :

(A) Natural number
(B) Whole number
(C) Prime number
(D) Composite number

33. $445 \times 445 = ?$

(A) 198025
(B) 198125
(C) 189025
(D) 189125

34. Which of the following is wrong ?

(A) 1 is the smallest factor of every number.
(B) A number is a factor of number itself.
(C) Factors of a number are less than or equal to the number.
(D) Every natural number has two factors.

35. If the difference of the two prime numbers is 2, then the two prime numbers are called :

(A) first prime number
(B) co - prime
(C) twin prime
(D) None of these

36. Which of the following is not meaningful ?

(A) $5 \div 5 = 1$
(B) $0 \div 5 = 0$
(C) $5 \div 0 = 0$
(D) $5 \div 1 = 5$

37. The last day of our exam is 14th October, 2012 and the Prize distribution will be held on 25th December, 2012. The number of days taken by the organiser for the prize distribution is :

(A) 71 days
(B) 70 days
(C) 72 days
(D) 69 days

38. 166 toffees were distributed among a group of 67 students. Each senior got 3 toffees while each junior got 2. The number of juniors in the group is :

(A) 30
(B) 32
(C) 35
(D) 40

39. What smallest number is to be subtracted from one lakh so that the difference is exactly divisible by 24 ?

(A) 15
(B) 16
(C) 17
(D) 18

40. Our question paper has 14 words in a line. A paper contains 24 lines and there are 6 pages in our question paper. How many words are there in our question paper ?

(A) 2016
(B) 336
(C) 2012
(D) 544

41. The value of $35 \times 7 \times 0 \times 3 \times 27$ is :

(A) 245
(B) 735
(C) 19845
(D) 0

42. Which of the following is a multiple of 9 ?

(A) 3572
(B) 4527
(C) 5277
(D) 6375

43. The smallest natural number which when subtracted from an odd number makes the difference an even number is :

(A) 0
(B) 1
(C) 2
(D) 3

44. The value of $56 - 225 \div 15 - 113 + 14 \times 2$ is :

(A) 44
(B) -44
(C) 64
(D) -64

45. Which of the following is an equivalent fraction of $\frac{27}{45}$?

(A) $\frac{21}{35}$
(B) $\frac{24}{35}$
(C) $\frac{22}{40}$
(D) $\frac{20}{30}$

46. The sum and the difference of two numbers are 152 and 14 respectively. The larger number is :

(A) 69
(B) 76
(C) 98
(D) 83

47. Bolt takes 6 seconds in running 100 metres. How long he takes in running 1 km ?

(A) 1 minute
(B) 2 minutes
(C) 1 hour
(D) 2 hours

48. $11111111 \times 11111111 = ?$

(A) 1234321
(B) 12345654321
(C) 123456787654321
(D) 12345678

49. Using the digits 2, 4, 6, 7 and 0 form the greatest and the smallest 5 - digit numbers and their sum is :

(A) 78887
(B) 96887
(C) 98887
(D) 98787

50. The smallest prime number is :

(A) 1
(B) 2
(C) 3
(D) 5

2013

1. One less than ten lakh is :

(A) 99999
(B) 999999
(C) 9999999
(D) 9999

2. What is the place value of unit place in 10000001 ?

(A) 1000000
(B) 100000
(C) 10000000
(D) 1

3. Write the standard form of :
   6 thousands + 2 tens + 9 hundreds + 7 ten thousands + 3
   (A) 62973   (B) 76923   (C) 67923   (D) 79623

4. What is the successor of the smallest 9 digit number ?
   (A) 100000001   (B) 1000000001
   (C) 999999999   (D) 10000001

5. The digital root of the number 693454239 is :
   (A) 693454239   (B) 46   (C) 36   (D) 45

6. How many prime numbers are there between 1 to 50 ?
   (A) 16   (B) 13   (C) 12   (D) 15

7. When the sum of smallest prime number and the smallest composite number is substracted from smallest three digit number, it gets :
   (A) 94   (B) 90   (C) 98   (D) 97

8. Basanta has 67 pigs in his farm. And his daughter Sanarembi counts the legs of all pigs in the farm. How many legs of pigs are there at all ?
   (A) 134   (B) 136   (C) 268   (D) 260

9. When a number multiplies to a particular number, it gets the number itself. What is the particular number ?
   (A) Number itself   (B) 1   (C) 0   (D) None of these

10. If an autodriver earns ₹ 1500 per day, how much does he earn in the month of MAY ?
    (A) ₹ 46500   (B) ₹ 75000   (C) ₹ 45000   (D) ₹ 30000

11. ₹ 444.36 is equal to :
    (A) Four hundred fortyfour rupees and thirty four.
    (B) Four hundred forty four rupees and thirty six paise
    (C) Rupees 444 plus rupees 36.
    (D) Rupees four hundred four and thirty six paise.

12. ₹ 10.2 is equal to :
    (A) 1002 paise   (B) 102 paise   (C) 1020 paise   (D) 0012 paise

13. Add : 41.05 + 349.5 + 2.0008
    (A) 392.558   (B) 392.5508   (C) 392.1008   (D) 392.108

14. Substract 349.05 from 1000
    (A) 659.50   (B) 605.95   (C) 650.95   (D) 6509.50

15. Substract the difference between ₹ 90.05 and ₹ 68.35 from ₹ 35.05
    (A) 13.35 rupees   (B) 2170 paise   (C) 13350 paise   (D) 21.70 rupees

16. Tombisana bought an English text book of class 4 and a pen that cost ₹ 199 and ₹ 30.5 respectively from a shop. She gave a note of ₹ 500. How much money would she get from the shopkeeper after he returned the money ?
    (A) ₹ 270.05   (B) ₹ 269.50   (C) ₹ 269.05   (D) ₹ 270.50

17. Wilson buys 96 apple from the market. Each apple cost ₹ 4.90. How much money does he spent on the apples ?
    (A) 47040 paise   (B) 39264 paise   (C) 28221 paise   (D) 39246 paise

18. The cost of an orange is ₹ 7.00 and the cost of a coconut is ₹ 45.00. What is the cost of total of 30 oranges and 5 coconuts ?
    (A) ₹ 353   (B) ₹ 335   (C) ₹ 453   (D) ₹ 435

19. What is the standard units of length ?
    (A) Centimetre   (B) Millimetre   (C) Metre   (D) Kilometre

20. Add : 2 dm + 3 cm + 15 cm = ?
    (A) $\frac{18}{10}$ cm   (B) 38 cm   (C) 20 cm   (D) 20 dm

21. Choose the correct answer :
    (A) 9 Km 46 m = (9x100) m + 46 m

    (B) 9Dm 46cm = $9Dm + \left(46 \times \frac{1}{1000}\right)Dm$

    (C) 9 m 46 dm = $9m + \left(46 \times \frac{1}{100}\right)m$

    (D) 9 Hm 46 Dm = $\left(9 \times \frac{1}{10}\right)Dm + 46Dm$

22. A boy bought a fastrack watch at ₹ 790 and sold it to his friend with a profit of ₹ 50. Find the selling price of the watch.
    (A) ₹ 740   (B) ₹ 790   (C) ₹ 50   (D) ₹ 840

23. Khagemba has twenty three 50 paisa coins, fifteen 25 paisa coins and thirty four 20 paisa coins. How much money does Khagemba have ?
   (A) Twenty two rupees five paise
   (B) Twenty two rupees fifty paise
   (C) Twelve rupees fifteen paise
   (D) Twenty two rupees fifteen paise

24. Chinglemba sold a cow for ₹ 15900 at a loss of ₹ 1900. Find the gain or loss if he had sold it for ₹ 18000.
   (A) ₹ 200 gain
   (B) ₹ 2100 gain
   (C) ₹ 200 loss
   (D) ₹ 2100 loss

25. If you bought 19 kg of rice at ₹ 22 a kg and sold it to your friend and got 11 kg of wheat in exchange. What was the rate of wheat per kg ?
   (A) ₹ 36
   (B) ₹ 24
   (C) ₹ 38
   (D) ₹ 26

26. Chinglembi bought 37 packets of chocolates for ₹ 296.00 and sold each packets at ₹ 12. Find the profit or loss for each chocolate packets.
   (A) Loss = ₹ 4
   (B) Profit = ₹ 4
   (C) Gain = ₹ 3
   (D) Loss = ₹ 3

27. Fill in the blanks :
   _____ weeks make a year and there are _____ weeks at least in a month.
   (A) 4, 52 respt.
   (B) 52, 4 respt.
   (C) 4, 54 respt.
   (D) 54, 4 respt.

28. Every sunday children go to park at 8:40 am and come back at 4:15 pm. How much time do the children spent on every sunday ?
   (A) 8hours 35mins
   (B) 6hours 25mins
   (C) 6hours 15mins
   (D) 7hours 35mins

29. After passed out 12th exam, you go to Thailand for further studies on 13th July, 2012 and return back after a semester on 13th February, 2013. How many days you stay in Thailand ?
   (A) 215 days
   (B) 240 days
   (C) 210 days
   (D) 248 days

30. Everyday Chaoton goes to school at 9:30 am and returns back home when the hour hand is between 3 and 4 and the minute hand is at 8. But on Monday he is late by 20 minutes. What is the time when he reaches home on that particular day ?
   (A) 3 pm
   (B) 3 : 20 pm
   (C) 4 pm
   (D) 4 : 40 pm

31. How many minutes make a day ?
   (A) 8640 minutes
   (B) 7200 minutes
   (C) 4320 minutes
   (D) 1440 minutes

32. Choose the correct answer :
   (A) A fraction which can't be expressed in the form $\dfrac{Numerator}{Denominator}$ is called vulgar fraction.
   (B) Fraction with different denominators are called like fraction.
   (C) Fraction with same denominators are unlike fraction.
   (D) Two or more fractions are equivalent fraction if they represent the same number of objects in the collection.

33. Reduce $\dfrac{1000}{380}$ to its lowest term :
   (A) $\dfrac{19}{50}$
   (B) $\dfrac{58}{20}$
   (C) $\dfrac{250}{98}$
   (D) $\dfrac{50}{19}$

34. What should be substracted from $4\dfrac{4}{5}$ to make it $1\dfrac{3}{5}$?
   (A) $\dfrac{16}{5}$
   (B) $\dfrac{32}{5}$
   (C) $\dfrac{8}{5}$
   (D) $\dfrac{24}{5}$

35. Arun wanted to buy a box of coloured crayons. He only had ₹ $13\dfrac{1}{2}$. His father, his mother and his brother gave him ₹$2\dfrac{3}{2}$, ₹$9\dfrac{4}{2}$ and ₹$8\dfrac{12}{2}$ respectively. How much money did he have then ?
   (A) Eightyfour rupees
   (B) Fiftytwo rupees
   (C) Thirtysix rupees
   (D) Sixtyeight rupees

36. A vessel had $9\dfrac{3}{5}$ litres of milk and a cat drank $\dfrac{4}{5}$ litres. How much milk was left in the vessel ?
   (A) $8\dfrac{4}{5}l$
   (B) $10\dfrac{2}{5}l$
   (C) $\dfrac{44}{5}l$
   (D) Both (A) and (C) are correct.

37. Pick out the wrong answer :

   (A) A triangle whose sides are of different lengths is scalene triangle.

   (B) A triangle whose sides are of same lengths is called isosceles triangle.

   (C) A triangle whose sides are of equal lengths is called equilateral triangle.

   (D) A closed plane figure bounded by four line segments is called Quadrilateral.

38. How many triangles are there in the given figure ?
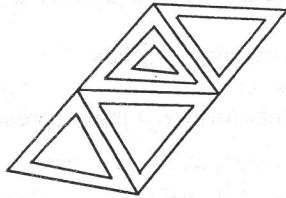
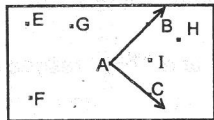   (A) 7   (B) 8   (C) 9   (D) 10

39. A line segments joining two points on a circle is called _____.

   (A) Radius   (B) Circumference

   (C) Diameter   (D) Chord

40. What is the diameter if a radius of a circle is 19.5 cm ?

   (A) 9.75 cm   (B) 39 cm   (C) 29 cm   (D) 19.75 cm

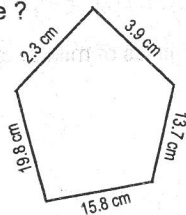41. What is the interior points of $\angle BAC$ in the given figure ?

   (A) I, H   (B) E, G, A, F   (C) E, G, F   (D) B, I, H
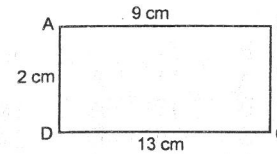
42. How many lines of symmetry does a square have ?

   (A) One   (B) Two   (C) Three   (D) Four

43. Find the perimeter of the following figure ?

   (A) 55.5 cm   (B) 55.4 cm   (C) 45.5 cm   (D) 45.4 cm

44. If the perimeter a quadrilateral is 30 cm and then what is the length of BC ?

   (A) 7 cm   (B) 6 cm   (C) 8 cm   (D) 9 cm

45. A milk booth is supplied 500 l of milk a day. On a particular day the supply was 318 l 250 ml. By how much was the supply of milk short ?

   (A) 181 l 750 ml   (B) 182 l 750 ml   (C) 281 l 250 ml   (D) 818 l 750 ml

46. A man bought 100 kg of rice for his family for a month. Out of this, the quantity of rice that got spent was 44 kg 505 g and 21 kg 303 g was given to the neighbour. How much quantity of rice was left with him ?

   (A) 65 kg 808 g   (B) 13 kg 202 g   (C) 7 kg 108 g   (D) 34 kg 192 g

47. The value of $196 - 33 \div 11 + 4 \times 21$ is :

   (A) 94   (B) 109   (C) 86   (D) 116

48. The result of one-sevenths is substracted from nine-sevenths is multiplied with the sum of one-fourths and three-fourths is :

   (A) $\dfrac{4}{4}$ (B) $\dfrac{10}{7}$ (C) $\dfrac{8}{7}$ (D) $\dfrac{11}{4}$

49. 12 is added to the result when digital root of 1246896699 is divided by 12. What is the answer ?

   (A) 12   (B) 17   (C) 60   (D) 72

50. Using a scale of 30 cm long, you start drawing a line segment in a plane paper from the point A at 1.7 cm mark and end it at 9.6 cm mark. From the point B, a line segment of length 5.7 cm is drawn towards the starting point A and stops at the point C. What is the length of the line segment AC ?
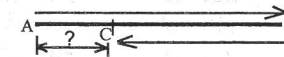
   (A) 3.2 cm   (B) 14.6 cm   (C) 13.6 cm   (D) 2.2 cm

2010

1. D	2. C	3. C	4. B	5. D	6. C
7. C	8. D	9. D	10. A	11. A	12. B
13. A	14. C	15. A	16. B	17. A	18. D
19. B	20. A	21. C	22. B	23. D	24. C
25. D	26. D	27. B	28. A	29. B	30. C
31. C	32. D	33. C	34. C	35. B	36. A
37. B	38. A	39. C	40. A	41. D	42. B
43. C	44. A	45. C	46. B	47. D	48. C
49. C	50. D				

2011

1. C	2. D	3. D	4. B	5. D	6. D
7. B	8. C	9. B	10. D	11. C	12. C
13. A	14. D	15. A	16. B	17. C	18. B
19. A	20. A	21. B	22. A	23. D	24. A
25. B	26. B	27. A	28. D	29. A	30. C
31. C	32. D	33. C	34. A	35. A	36. B
37. D	38. A	39. C	40. C	41. B	42. C
43. D	44. B	45. D	46. C	47. D	48. C
49. B	50. B				

2012

1. B	2. C	3. A	4. C	5. D	6. D
7. C	8. C	9. A	10. D	11. D	12. D
13. A	14. C	15. B	16. C	17. B	18. C
19. D	20. A	21. A	22. A	23. D	24. D
25. D	26. C	27. A	28. A	29. B	30. C
31. B	32. C	33. A	34. D	35. C	36. C
37. A	38. C	39. B	40. A	41. D	42. B
43. B	44. B	45. A	46. D	47. A	48. C
49. B	50. B				

2013

|					
1. B	2. D	3. B	4. A	5. D	6. D
7. A	8. C	9. B	10. A	11. B	12. C
13. B	14. C	15. A	16. D	17. A	18. D
19. C	20. B	21. B	22. D	23. A	24. A
25. C	26. B	27. B	28. D	29. A	30. C
31. D	32. D	33. D	34. A	35. B	36. D
37. B	38. C	39. D	40. B	41. A	42. D
43. A	44. B	45. A	46. D	47. B	48. C
49. B	50. D				

MATHEMATICS
Class - V, 2010

1. The period of 6 in 27465418 is :
   (A) One thousand (B) Ten thousand (C) Ones (D) Thousands

2. To round a number to the nearest hundred is to find the :
   (A) factor of 100 (B) multiple of 100 (C) factor of 10 (D) multiple of 10

3. A bakery produces 372 loaves in 1 hour working 8 hours a day. How many loaves will the bakery produce in 1 week ?
   (A) 2976 (B) 5952 (C) 20832 (D) 357121

4. Express the first number as percentage of the second : 125 and 500
   (A) 125 % (B) 75 % (C) 20 % (D) 25 %

5. One of the two supplementary angles is five times the others. The measure of the angles are :
   (A) 20^0 and 100^0 (B) 30^0 and 150^0 (C) 15^0 and 75^0 (D) 45^0 and 135^0

6. Two men come to a milkman. The first man gives Rs.12 to the milkman and the milkman gives him 2 litres of milk. The second man gives Rs.234. How many amount of milk will the milkman give to the second man ?
   (A) 60 litres (B) 32 litres (C) 39 litres (D) 27 litres

7. 1 cu.dm = ?
   (A) 1000 cu.cm (B) 10000 cu.cm
   (C) 1000000 cu.cm (D) 10000 cu.m

8. You get 684 marks in an examination. Your percentage is 72%. What is the full mark of the examination ?
   (A) 950 (B) 920 (C) 900 (D) 850

9. 2 tens + 3 ones + 5 thousandths = ?
   (A) 23.5 (B) 23.05 (C) 23.005 (D) 23.0005

10. Product of two fractional numbers = ?

    (A) $\dfrac{\text{Product of a numerator and a denominator}}{\text{Product of another numerator and denominator}}$

    (B) $\dfrac{\text{Product of numerator}}{\text{Product of denominator}}$

    (C) $\dfrac{\text{Sum of numerator}}{\text{Sum of denominator}}$

(D) $\dfrac{\text{Sum of the numerator}}{\text{LCM of the two denominator}}$

11. A floor of length 16 m and breadth 12 m can exactly fit by maximum size of square tiles. How many such tiles will be required ?

(A) 4 tiles   (B) 10 tiles   (C) 15 tiles   (D) 12 tiles

12. Two vertically opposite angles are :

(A) complementary   (B) supplementary   (C) congruent   (D) none of these

13. The sum of the predecessor and successor of ten lakhs is :

(A) 2 million   (B) 10 million   (C) 1 billion   (D) 20 billion

14. How many times does $\dfrac{1}{32}$ contain in $\dfrac{1}{4}$?

(A) $\dfrac{1}{8}$ (B) 8   (C) $\dfrac{1}{6}$ (D) 6

15. The distance between two lines is same wherever measure. The lines are :

(A) transversal   (B) parallel lines

(C) intersecting lines   (D) there is no such lines

16. 90 cm = _____.

(A) 90% of 1 m   (B) 90% of 1 cm   (C) 90% of 1 dm   (D) 90% of 1 km

17. How many pair of adjacent angles are there in Fig-I ?


Fig-I
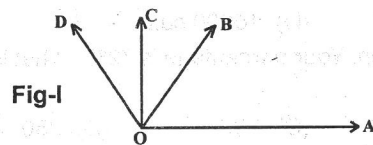
(A) 3   (B) 4   (C) 5   (D) 6

18. Find the cost of 5450 books at the rate of Rs.950 for every 50 books.

(A) 48645   (B) 65400   (C) 92650   (D) 103550

19. Two angles are said to be congruent if :

(A) they have same length of arms.   (B) they have same measure.

(C) their sum is 90°.   (D) two angles are complementary.

20. 100 kg = _____.

(A) 1 tonne   (B) 1 quintal   (C) $\dfrac{1}{1000}$ tonnes   (D) $\dfrac{1}{100}$ quintal

2

21. A number when divided by 3 is reduced by 20. The number is :

(A) 60   (B) 75   (C) 30   (D) 45

22. The perimeters of a square garden and a rectangular garden are same. One side of the square garden is 20 m and the length of the rectangular garden is 30 m. Then its breadth is :

(A) 2 m   (B) 30 m   (C) 8 m   (D) 10 m

23. How many straight lines may be drawn passing through one point ?

(A) One   (B) Two   (C) Three   (D) Infinity

24. Which of the following pair of angles may be the measures of a linear pair angles ?

(A) 45° and 45°   (B) 90° and 270°   (C) 120° and 60°   (D) 180° and 90°

25. In travelling 15 km., a car consume 2 litres of petrol. How many litres of petrol will be consumed in travelling 135 kilometres ?

(A) 9 litres   (B) 15 litres   (C) 16 litres   (D) 18 litres

26. 10 million = _____.

(A) 10 lakhs   (B) 10 crores   (C) 100 lakhs   (D) 1000 thousands

27. If a, b and c are integers such that a>b (a and b are positive) and ca<cb, then :

(A) c is zero   (B) c is one   (C) c is positive   (D) c is negative

28. One of the two equal angles of an isosceles triangle measure 50°. The measure of all the three angles of the triangle are :

(A) 50°, 50°, 80°   (B) 50°, 75°, 75°   (C) 50°, 90°, 30°   (D) 50°, 70°, 60°

29. The sum of $\dfrac{3}{4}$ of Rs.1200 and $\dfrac{3}{4}$% of Rs.1200 is :

(A) Rs.900   (B) Rs.905   (C) Rs.909   (D) Rs.1000

30. The congruent angle of 30° is :

(A) 30°   (B) 60°   (C) 150°   (D) 330°

31. The supplement of 90° is :

(A) 90°   (B) 60°   (C) 30°   (D) 120°

32. Two hundred million two thousand twenty = ?

(A) 200020020   (B) 2000002020   (C) 2000020020   (D) 200002020

33. The perimeter of a square is 132 m. Then its area is :

(A) 1089 cm   (B) 1089 cm²   (C) 1089 m   (D) 1089 m²

3

34. Write $55 + \dfrac{55}{100} + \dfrac{5}{10000}$ in short form.

   (A) 55.555   (B) 55.5505   (C) 55.0555   (D) 55.5055

35. 41^0 F = _____ .

   (A) Freezing point   (B) 104^0 C   (C) 5^0 C   (D) 15^0 C

36. Find the number if $\dfrac{3}{5}$ of which is $\dfrac{4}{5}$ of 72.

   (A) 69   (B) 96   (C) 68   (D) 86

37. The product of the HCF and LCM of 56 and 98 is :

   (A) 5488   (B) 42   (C) 14   (D) 5498

38. The given are the measures of the angles of triangles.

   (i) 30^0, 60^0, 90^0 (ii) 120^0, 30^0, 30^0 (iii) 60^0, 60^0, 60^0 (iv) 60^0, 20^0, 100^0

   Which of the given are obtuse angled triangle ?

   (A) (i) and (ii)   (B) Only (iii)   (C) (ii) and (iv)   (D) (i),(ii) and (iii)

39. $\dfrac{\overline{}}{40}$ = 80 %

   (A) 30   (B) 80   (C) $\dfrac{1}{2}$ (D) 32

40. Mahatma Gandhi was born on 2nd October 1869 and died on 30th January 1948. How old was when he died ?

   (A) 79 years 3 months 20 days

   (B) 78 years 4 months 29 days

   (C) 78 years 3 months 29 days

   (D) 79 years 2 months 20 days

41. A train leaves Delhi for Goa at 8 : 55 a.m. If taken 6 hours 20 minutes to reach Goa, at what time did the train reach Goa ?

   (A) 2 : 15 p.m.   (B) 3 : 15 p.m.   (C) 2 : 25 p.m.   (D) 3 : 25 p.m.

42. The average age of 15 students is 15 years. The age of the first 5 students are 12, 17, 9, 18 and 19. The average of the last 10 students is :

   (A) 15 years   (B) 16 years   (C) 18 years   (D) 20 years

43. A number increased by $33\dfrac{1}{3}$ % of itself becomes 3500. Then the number is :

   (A) 3000   (B) 2625   (C) 2500   (D) 2526

44. The inner length of an edge of a cubical tank is 21 dm. The full capacity of the tank in litres is :

   (A) 441 litres   (B) 63 litres   (C) 9261 litres   (D) 8726 litres

45. In a transaction, a man loss 15% of the selling price. His loss percent is :

   (A) $17\dfrac{7}{23}$ %   (B) $15\dfrac{7}{23}$ %   (C) $12\dfrac{1}{23}$ %   (D) $13\dfrac{1}{23}$ %

46. In the adjoining Fig-II, all the chords of the circle are :

Fig-II

   (A) EB and FC   (B) ED and AB

   (C) AB, BE and CF   (D) OE, OD, OC, OF, OA and OB

47. An engine pumps out 350 litres of water in a minute. The required time to pump out 651000 litres of water is :

   (A) 31 hours   (B) 186 hours   (C) 60 hours   (D) 58 hours

48. The difference of the two numbers is 431624 and minuend is 462870. Its subtrahend is :

   (A) 894494   (B) 765032   (C) 431246   (D) 31246

49. A fraction is said to be simplest form when its numerator and denominator are :

   (A) even   (B) natural number   (C) co-prime   (D) odd

50. How many chords can be drawn passing through centre ?

   (A) One   (B) Four   (C) Infinite   (D) None of these
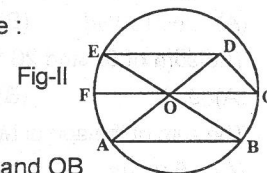
2011

1. What percent of 500 is 5000 ?

   (A) 100 %   (B) 10 %   (C) 1000 %   (D) 0.01 %

2. If the HCF of x and y is z, then their LCM is given by :

   (A) xyz (B) $\dfrac{x+y}{z}$ (C) $\dfrac{x-y}{z}$ (D) $\dfrac{xy}{z}$

3. In a division sum, the quotient is 625, the remainder is 51 and divisor is 9 less than the sum of the both. The dividend is :

   (A) 416875   (B) 416926   (C) 5676   (D) 385051

4. The HCF of two numbers is a factor of :

   (A) smaller number   (B) larger number

   (C) LCM of the two numbers   (D) All the above

5. In a cricket match, Tendulkar, Gambhir, Dravid and Koli scored 131, 88, 77 and 69 runs respectively. Their average runs becomes 88 when Yuvaraj's score was included. The run scored by Yuvaraj was :

(A) 65   (B) 85   (C) 75   (D) 90

6. A tin contains $14\,l\,450\,ml$ of water. Another tin contains $2\,l\,750\,ml$ of water less. The capacity of the two tins is :

(A) $26\,l\,150\,ml$ (B) $17\,l\,200\,ml$ (C) $11\,l\,700\,ml$ (D) $20\,l\,350\,ml$

7. The sum of 56 and 20 % of a number gives the number itself. The number is :

(A) 90   (B) 80   (C) 70   (D) 60

8. The sum of the age of two students after 6 years will be 34. At present, the sum is :

(A) 46 years   (B) 28 years   (C) 40 years   (D) 22 years

9. The product of a number and one is :

(A) number itself   (B) one   (C) zero   (D) infinite

10. A truck consumes 3 litres of diesel in travelling 18 km. How many litres of diesel will be consumed in travelling 138 kilometers ?

(A) 18 litres   (B) 23 litres   (C) 21 litres   (D) 27 litres

11. In unitary method, we first find the value of :

(A) five (units) quantities from the given condition

(B) three (units) quantities from the given condition

(C) two (units) quantities from the given condition

(D) one (units) quantity from the given condition

12. The cost of 12 gross pens is Rs. 9504. The cost of 5 dozens is :

(A) Rs. 792   (B) Rs. 3960   (C) Rs. 330   (D) Rs. 850

13. The average of 3 numbers is 154. The first number is twice the second and half the third. The second number is :

(A) 132   (B) 66   (C) 264   (D) 123

14. Chaothoi bought three ropes of length 36 metres, 30 metres and 48 metres. He wanted to cut them into pieces of equal length. What would be the longest length of the pieces ?

(A) 114 cm   (B) 240 cm   (C) 6 cm   (D) 12 cm

15. 1 centigram = _____

(A) $\dfrac{1}{1000}\,gm$ (B) $\dfrac{1}{100}\,gm$ (C) $1000\,gm$ (D) $100\,gm$

16. 28 % of 50 of $6\dfrac{2}{7}$ is :

(A) 64   (B) 88   (C) 14   (D) 2

17. The sum of the predecessor and successor of 1 crore is :

(A) 20 million   (B) 2 million   (C) 20 billion   (D) 2 billion

18. A bag of onion weighs 48 kg 250 g and a bag of rice weighs 47 kg 950 g. Which bag is heavier by how much ?

(A) Bag of onion by 1 kg 300 g   (B) Bag of onion by 300 g

(C) Bag of rice by 1 kg 300 g   (D) Bag of rice by 300 g

19. A sum of Rs. 18000 is divided among the three ladies, Kim, Chaobi and Nuri. Kim receives $\dfrac{3}{8}$ of the sum, Chaobi receives $\dfrac{2}{5}$ of it and Nuri receives the remaining money. The money received by Chaobi is :

(A) Rs. 7200   (B) Rs. 6750   (C) Rs. 4050   (D) Rs. 2750

20. 10 % of 25 % of the population of a village is 50. The total population of the village is :

(A) 2000   (B) 1500   (C) 1250   (D) 800

21. The sum of the greatest and smallest 6 digit number formed by the digits 7, 0, 3, 5 is :

(A) 10587   (B) 1077587   (C) 107587   (D) 1110587

22. $\dfrac{3}{5}$ % of what number is equal to $\dfrac{3}{5}$ of 175.

(A) 170   (B) 1750   (C) 17500   (D) 1750000

23. In finding the average of 4, 2, 3, 4, 5, we must divide the sum of the given numbers by :

(A) 5   (B) 4   (C) 3   (D) 2

24. Sanjit completed reading a book in 30 days. He read 10 pages a day. The number of pages he read in a day in order to finish the book in 12 days is :

(A) 18 pages   (B) 6 pages   (C) 12 pages   (D) 25 pages

25. 19 % of 5 kg is :

(A) 9.5 gram   (B) 950 decigram   (C) $\dfrac{95}{1000}\,Kg$ (D) 95 decagram

26. The equivalent fraction of $\frac{4}{5}$% is :

(A) $\frac{1}{250}$ (B) $\frac{2}{250}$ (C) $5\frac{2}{55}$ (D) $55\frac{2}{5}$

27. A number is reduced by 75 when it is divided by 4. The number is :
(A) 90   (B) 100   (C) 120   (D) 160

28. The difference of two numbers is 8536126 and subtrahend is 745236. The minuend is :
(A) 7790890   (B) 9281362   (C) 7780890   (D) 9381362

29. How often does the sum of 3692 and 2769 contain their difference ?
(A) 5   (B) 8   (C) 7   (D) 6

30. $5.0 \times 0.5 \times 0.05 \times 0.005 = $ _____
(A) 0.000625   (B) 0.0625   (C) 0.00625   (D) 0.625

31. 26 kg of wheat produce 24 kg of flour. How much flour can be produced from 65 kg wheat ?
(A) 59 kg   (B) 62 kg   (C) 63 kg   (D) 60 kg

32. The HCF and LCM of two numbers are 16 and 192 respectively. One of the numbers is 48, the other number is :
(A) 46   (B) 84   (C) 3072   (D) 64

33. The pair of two numbers 61 and 63 are :
(A) Twin prime   (B) Co-prime
(C) Composite numbers   (D) Prime numbers

34. The volume of a cuboid whose length 1 m breadth 50 cm and height 25 cm is :
(A) 15000 cu.cm   (B) 12500 cu.cm
(C) $\frac{1}{2}$ cu.m   (D) $\frac{1}{8}$ cu.m

35. The product of 48 and 36 is equal to the product of 12 and _____ .
(A) 144   (B) 128   (C) 48   (D) 36

36. Which is the biggest ?
(A) 90 % of 70   (B) 80 % of 80   (C) 70 % of 80   (D) 60 % of 100

37. Ramesh has Rs. 95830 in his hand. He wants to buy a car that cost Rs. 75800 and a T.V. set costing Rs. 30530. How much money is needed in order to buy these two things ?
(A) Rs. 10000   (B) Rs. 1500   (C) Rs. 10500   (D) Rs. 5000

38. The difference between $\frac{3}{4}$ of Rs. 1400 and $\frac{3}{4}$ % of Rs. 1400 is :
(A) Rs. 350   (B) Rs. 320   (C) Rs. 349.50   (D) Rs. 1039.50

39. There are five fractions having the denominators 5 in each fraction. These fractions are said to be :
(A) Equivalent fractions   (B) Like fractions
(C) Unlike fractions   (D) Mix fractions

40. The smallest multiple of a number is :
(A) 1   (B) number itself   (C) no definite number   (D) 100

41. If a number is halfway between two consecutive multiples. The number will rounded off to the :
(A) larger multiples   (B) smaller multiples
(C) The number will remain unchange   (D) None of the above

42. The HCF of 3 rupees 30 paise, Rs. 5.50 and 150 paise is :
(A) 40 paise   (B) Rs. 2.5   (C) Rs. 20   (D) 10 paise

43. Simplify $18 - \{17 - 3(8 \div 4)\} + 15 \div 3$.
(A) 24   (B) 10   (C) 13   (D) 12

44. Express 28506 ml into Kl .
(A) $\frac{28506}{10000} Kl$ (B) 0.28506 Kl
(C) 0.028506 Kl (D) 0.0028506 Kl

45. The total number of prime numbers between 50 to 100 is :
(A) 10   (B) 25   (C) 12   (D) 15

46. A number leaves remainder 24 when it is divided by 36. What should be the remainder when the number is divisible by 12 ?
(A) 0   (B) 1   (C) 2   (D) 3

47. 346 * 1 is exactly divisible by 9. The digit that replace * is :
(A) 4   (B) 3   (C) 5   (D) 2

48. $10 \times 10 \div 10 \times 10 \div 10 \times 10 = $ _____
(A) 100   (B) 10   (C) 60   (D) 30

49. If a, b and c are integers such that $a > b$ (a and b are positive) and $ca < cb$, then :
(A) c is zero   (B) c is one   (C) c is positive   (D) c is negative

50. The cost of a table is Rs. 1576 and that of a chair is Rs. 1847. The money spend in purchasing 18 tables and 23 chairs is :
(A) Rs. 70849   (B) Rs. 42481   (C) Rs. 28360   (D) Rs. 69002

2012

1. If the digital root of a number is 9. Then the number is divisible by :
(A) 3 only   (B) 9 only
(C) both 3 and 9   (D) not divisible by both 3 and 9.

2. How many minutes are there in the month of February in the year 2012 ?
(A) 41760   (B) 43200   (C) 44640   (D) 40320

3. The sum of two numbers is eight times their difference. If the smaller number is 35, find the other.
(A) 52   (B) 42   (C) 55   (D) 45

4. An alloy contain 40 % iron, 20 % zinc and 30 % copper. The amount of zinc in 5 kg of the alloy is :
(A) 2 kg   (B) 1.5 kg   (C) 1 kg   (D) 500 gm

5. A shopkeeper earn ₹ 400 profit in selling a refrigerator for ₹ 4200. The cost price of the refrigerator is :
(A) ₹ 4600   (B) ₹ 3800   (C) ₹ 3600   (D) ₹ 4800

6. The unit of the volume is :
(A) a square unit   (B) a cubic unit   (C) only unit   (D) none of these

7. The sum of two angles of a triangle is 150⁰ and their difference is 70⁰, the measure of all the angles are :
(A) 80⁰, 70⁰ & 30⁰ (B) 30⁰, 30⁰ & 120⁰ (C) 30⁰, 60⁰ & 90⁰ (D) 30⁰, 40⁰ & 110⁰

8. A number when divided by 5 gives 4 as quotient and 2 as remainder. The number is :
(A) 22   (B) 26,   (C) 18   (D) 29

9. The measure of an angle is 40⁰, What is the measure of its vertically opposite angle ?
(A) 40⁰   (B) 50⁰   (C) 140⁰   (D) 20⁰

10. A pot full of milk weighs 6.4 kg. When half filled with milk, the pot weighs 3.4 kg. The weight of the empty pot is (in kg) :
(A) 0.8   (B) 0.4   (C) 6.0   (D) 3.0

11. A fraction is said to be in its simplest form when its numerator and denominator are :
(A) even   (B) odd   (C) the multiple of 5   (D) co-prime

12. All the common factors of 30, 60 and 80 are :
(A) 1,2,3,5,10 & 15   (B) 2,3,5,6,10,15 & 30
(C) 1,2,3,6,15 & 30   (D) 1,2,5 & 10

13. In a particular year an industry produced 6736265 bicycles. Next year, the number of bicycles produced was 1374589 more than those produced in the preceding year. The total nmber of bicycles produced during these two years were :
(A) 8110854   (B) 5462784   (C) 13472530   (D) 14847119

14. The average of first ten even natural number is :
(A) 10   (B) 11   (C) 12   (D) 13

15. Which one is the greatest ?
(A) $\frac{3}{4}$ (B) $\frac{9}{20}$ (C) $\frac{11}{15}$ (D) $\frac{7}{12}$

16. A boy cover 72 m while going once around a square field. The area of the field is :
(A) 256 cm²   (B) 5184 cm²   (C) 288 cm²   (D) 324 cm²

17. A water container has a capacity of 780 litres and a bucket has 65 litres. How many bucket can hold in the container ?
(A) 15   (B) 12   (C) 13   (D) 14

18. The sum of the three angles of a triangle is :
(A) 90⁰   (B) 180⁰   (C) 360⁰   (D) none of these

19. A notebook contain 320 pages. If a boy used 200 pages. What fraction of the whole is still available to him for his used ?
(A) $\frac{3}{8}$ (B) $\frac{5}{16}$ (C) $\frac{1}{2}$ (D) $\frac{5}{32}$

20. If 2 is subtracted from -2, the result will be :
(A) 1   (B) 4   (C) -4 (D) 0

21. The sum of first two prime numbers is :
(A) a prime number   (B) a composite number
(C) an even number   (D) All the above

22. In travelling 14 km a jeep consumes 2 litres of petrol. How many litres of petrol will be consumed in travelling 56 km ?
(A) 6 litres   (B) 7 litres   (C) 8 litres   (D) 9 litres

23. The sum of the greatest and the smallest 6 - digit numbers formed by the digits 2, 0, 7, 1, 6, 3 is :
(A) 775577   (B) 865577   (C) 885517   (D) 865586

24. Which of the following is true ?
    (A) Subtrahend + Minuend = Difference
    (B) Subtrahend + Difference = Minuend
    (C) Minuend + Difference = Subtrahend
    (D) All are correct

25. Tomba earns ₹ 144000 in 15 months. How much does he earn in 2 years ?
    (A) ₹ 230400　　(B) ₹ 172800　　(C) ₹ 192000　　(D) ₹ 211200

26. If $\frac{3}{5}$ of a sum of money is equal to $\frac{2}{3}$ of　₹ 55800, find the sum.
    (A) 22320　　(B) 3720　　·　(C) 62000　　(D) 37200

27. A wire is bend in the shape of a rectangle whose length is 25 cm and breadth is 18 cm. The length of the wire is :
    (A) 43 cm²　　(B) 43 cm　　(C) 86 cm　　(D) 86 cm²

28. Mani offers $2\,Kl$ of milk, Chaoton offers $7\,Hl$ and Sanathoi offers only $5\,l$, The total quantity of milk is :
    (A) $2.75\,Kl$　　(B) $5.75\,Kl$　　(C) $2.075\,Kl$　　(D) $2.705\,Kl$

29. The longest chord of the circle is called :
    (A) radius　　(B) circumference　　(C) diameter　　(D) arc

30. The average age of my father, my brother and my sister is 32 years. The age of my father is 54 years and my sister is 18 years. The age of my brother is :
    (A) 21 years　　(B) 22 years　　(C) 23 years　　(D) 24 years

31. Find the sum of all the whole numbers less than 20 which are divisible by 6.
    (A) 190　　(B) 150　　(C) 36　　(D) 85

32. 0.125 is equal to :
    (A) 125 %　　(B) 12.5 %　　(C) 1.25 %　　(D) 0.125 %

33. 26 Kg of wheat produce 24 Kg of flour. How much flour can be produced from 65 Kg of wheat ?
    (A) 63 kg　　(B) 59 kg　　(C) 62 kg　　(D) 60 kg

34. Some toys are worth ₹ 42 each, some ₹ 56 each and some ₹ 70 each. Find the smallest sum of money with which an exact number of toys of each kind can be bought.
    (A) ₹ 840　　(B) ₹ 168　　(C) ₹ 140　　(D) ₹ 900

35. In a division sum Dividend = 1670, Quotient = 28 and Remainder = 18. Divisor = ?
    (A) 56　　(B) 48　　(C) 59　　(D) 44

36. The value of $121 \div [17 - \{15 - 3(7 - 4)\}]$ is :
    (A) 7　　(B) 21　　(C) 11　　(D) 13

37. The cost of a bench is ₹ 255.50 and that of a desk is ₹ 325.75. The cost of 7 pairs of a bench and a desk is :
    (A) ₹ 518.25　　(B) ₹ 1788.50　　(C) ₹ 2274.25　　(D) ₹ 4068.75

38. Ibelei talks 2 hours 40 minutes in the morning, 2 hours 15 minutes in the evening and 3 hours 30 minutes at night in mobile phone. Her total talking time in minutes is :
    (A) 480 minutes　　(B) 455 minutes　　(C) 505 minutes　　(D) 540 minutes

39. What is the complement angle of 30⁰ ?
    (A) 30^0　　(B) 60^0　　(C) 50^0　　(D) 40^0

40. My brother was born on 13th July, 1992. What is the present age of my brother (i.e. on 30th September, 2012) ?
    (A) 20 years 2 months 17 days　　(B) 20 years 1 month 17 days
    (C) 20 years 2 months 18 days　　(D) 20 years 1 month 18 days

41. The average of 5 tens, 5 tenths and 5 hundredths is :
    (A) 185　　(B) 275　　(C) 168.5　　(D) 16.85

42. The first prime number is :
    (A) 1　　(B) 2　　(C) 3　　(D) 0

43. The distance between two lines is same wherever measured. The lines are :
    (A) transversals　　(B) parallel lines
    (C) intersecting lines　　(D) there is no such lines

44. The numeral for "Seven hundred eight million five thousand sixty five" is :
    (A) 708050065　　(B) 708500065　　(C) 708005065　　(D) 780500065

45. How many times does the difference of 13356 and 12402 make the former number ?
    (A) 954　　(B) 14　　(C) 13　　(D) 12

46. Iboyaima bought an Almirah for ₹ 3500. At what price should he sell it so as to have a gain of 12 % ?
    (A) ₹ 3920　　(B) ₹ 3180　　(C) ₹ 3290　　(D) ₹ 3080

47. If one of two supplementary angles is five times the other, the larger angle is :
    (A) 30^0　　(B) 80^0　　(C) 150^0　　(D) 120^0

48. Find the cost of 18 apples at the rate of ₹ 4 per dozen.
    (A) ₹ 5　　(B) ₹ 6　　(C) ₹ 10　　(D) ₹ 8

49. The difference between the two place values of 7 in 54760.078 is :

   (A) 700.07   (B) 699.93   (C) 700.93   (D) 690.93

50. If the sum of the two adjacent angles is 180°, then the two angles are said to be :

   (A) Linear pair angles   (B) Complementary angles

   (C) Vertically opposite angles   (D) Alternate angles

2013

1. 21 and 29 are :

   (A) Prime numbers   (B) C0-primes

   (C) Multiples of 7   (D) Even numbers

2. The place value of the digit '3' in 239766 is how many times as much as the place value of the digit 6 in 45655 ?

   (A) 10   (B) 50   (C) 500   (D) 1000

3. A number is greater than 50 but smaller than 75. The number is a multiple of 6. When the number is divided by 9, the remainder is 3. The number is :

   (A) 60   (B) 72   (C) 68   (D) 66

4. The average of 7 numbers is 23. If 1 is added to the 1st, 2 to the 2nd, 3 to the 3rd and so on until 7 to the 7th number. The average of these new 7 numbers is :

   (A) 25   (B) 26   (C) 27   (D) 28

5. Tababi purchased a radio. She sold it for ₹ 560 at a loss of 20 %. Tababi purchased the radio at :

   (A) ₹ 700   (B) ₹ 672   (C) ₹ 590   (D) ₹ 820

6. The HCF of two numbers is 'x' and their LCM is 'y'. The product of the two numbers is :

   (A) $x \div y$ (B) $x + y$ (C) $x - y$ (D) $x y$

7. 1 mile = ?

   (A) 1.16 km   (B) 1.51 km   (C) 1.61 km   (D) 1.15 km

8. A train runs at 45 km/hr. How far does it go in 6 hours ?

   (A) 270 Km   (B) 290 Km   (C) 360 Km   (D) 420 Km

9. The supplement angle of 80° is :

   (A) 80°   (B) 10°   (C) 100°   (D) 90°

10. Sanatombi has ₹ 5490 in her pocket. She rounded her money to the nearest hundred to :

   (A) 5400   (B) 5500   (C) 5300   (D) 5000

11. The subtrahend when minuend is 9281362 and difference is 8536126 is :

   (A) 17817488   (B) 16817488   (C) 745236   (D) 735236

12. $\frac{6}{11} + \frac{3}{8} \div \frac{33}{44} \times \frac{10}{11}$ is equal to :

   (A) 0   (B) 1   (C) 2   (D) $\frac{1}{2}$

13. The fractional form of 45 % is :

   (A) $\frac{1}{100}$ (B) $\frac{1}{20}$ (C) $\frac{3}{20}$ (D) $\frac{9}{20}$

14. 6 gm is equal to :

   (A) 0.6 Kg   (B) 0.06 Kg   (C) 0.006 Kg   (D) 0.0006 Kg

15. There are 1800 students in a school. Out of these 35 % are girls. The number of boys in the school is :

   (A) 1170   (B) 630   (C) 270   (D) 380

16. How many plane faces are there in a cylinder ?

   (A) 1   (B) 2   (C) 3   (D) 4

17. A watch and a pen together costs ₹ 140. If the cost of a watch be 6 times the cost of the pen. The cost of a watch is :

   (A) ₹ 120   (B) ₹ 80   (C) ₹ 70   (D) ₹ 20

18. Karim bought an article for ₹ 600 and sold it for ₹ 750. His profit or loss percent is :

   (A) Profit 15 %   (B) Loss 15 %   (C) Profit 25 %   (D) Loss 25 %

19. Write the number name of 913010400 in Hindu-Arabic system :

   (A) Nine hundred thirteen million ten thousand four hundred.

   (B) Ninety one crore thirty lakh ten thousand four hundred.

   (C) Ninety one million three hundred one thousand four hundred.

   (D) Ninety one crore three lakh ten thousand four hundred.

20. Pritam can type 50 words in 3 minutes. At this rate how many words can he type in 1 hour ?

   (A) 3600   (B) 1200   (C) 1000   (D) 500

21. A school is closed on 25 May for summer vacation and the duration is 45 days. When will the school reopen ?

    (A) 8th July   (B) 9th July   (C) 28th June   (D) 12th June

22. $\frac{3}{10}$ of the length of a pole is in mud and $\frac{3}{5}$ of the length is under water. If the rest of the pole is above water, find what fraction of the length of pole is above water ?

    (A) $\frac{4}{10}$ (B) $\frac{1}{10}$ (C) $\frac{2}{5}$ (D) $\frac{4}{5}$

23. The HCF and LCM of two numbers are 36 and 720 respectively. One number is 144. The other number is :

    (A) 150   (B) 160   (C) 180   (D) 190

24. A bag holds 12.4 Kg of biscuits. How many packets can filled $2\frac{1}{2}$ such bags if each packet weighs 62 gm ?

    (A) 300   (B) 375   (C) 275   (D) 500

25. A woman bought a dinner set for ₹ 1320. She spent ₹ 80 on transportation. She sold the set for ₹ 1375. Find her gain or loss.

    (A) Loss = ₹ 25   (B) Profit = ₹ 25   (C) Loss = ₹ 45   (D) Profit = ₹ 45

26. The area of one surface of a cube is 36 cm², then the volume of the cube is :

    (A) 72 cm³   (B) 216 cm³   (C) 36 cm³   (D) 94 cm³

27. If the pass percent of a school is 33 % and the aggregate pass mark in the final examination is 264. The total mark in the final exam is :

    (A) 700   (B) 750   (C) 800   (D) 900

28. In an operation of simplification, which of the following will do first ?

    (A) Parenthese   (B) Division   (C) Vinculum   (D) Multiply

29. The population of Manipur is 51210913. Out of which 2305218 are males, 1847525 are females. The number of children in Manipur is :

    (A) 47058170   (B) 55363656   (C) 50753220   (D) 51668606

30. The population of five districts in Manipur are given below :

    Imphal West   -   18,17,973
    Imphal East   -   19,38,544
    Thoubal   -   23,87,930
    Bishnupur   -   13,90,635
    Churachandpur   -   16,53,893

    The place value of the digit 9 in the smallest population listed in the above is :

    (A) Ninety   (B) Nine hundred   (C) Ninety thousand   (D) Nine lakh

31. A shopkeeper bought 300 pencils for ₹ 120. At what price should he sell a pencil so as to get a profit of 15 % ?

    (A) ₹ 138   (B) ₹ 8   (C) 98 Paise   (D) 46 Paise

32. Which of the following shapes has the largest perimeter ?
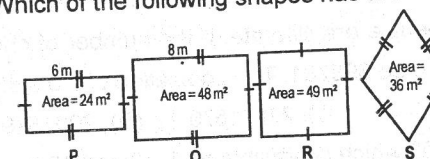
    (A) S only   (B) P and Q only   (C) S and R only   (D) R and Q only

33. Three clocks are ringing at a time. After that the first rings every 4 hours, the second rings every 6 hours and the third rings every 8 hours. Then the earliest time that the three clocks ring together is after :

    (A) 12 hours   (B) 24 hours   (C) 36 hours   (D) 48 hours

34. Which of the following is the greatest ?

    (A) $\frac{3}{4}$ (B) $\frac{9}{20}$ (C) $\frac{11}{15}$ (D) $\frac{7}{12}$

35. The length, breadth and height of a cuboid are respectively 1 m, 50 cm and 25 cm, the volume of the cuboid is :

    (A) 12500 cu.cm   (B) $\frac{1}{4}$ cu.m   (C) 145000 cu.cm   (D) $\frac{1}{8}$ cu.m

36. In an office, 20 employees get a salary of ₹ 1250 each and 10 other employees get a salary of ₹ 2000 each. The average salary of all the employees in the office is :

    (A) ₹ 1200   (B) ₹ 1500   (C) ₹ 1600   (D) ₹ 1750

37. Multiply 19 by 45 and add 453 to the product. Divide the sum by 12. The quotient is :

    (A) 33.5   (B) 109   (C) 855   (D) 71

38. The value of $436278 - 3108 - 234 + 75$ is :

    (A) 403311   (B) 453011   (C) 433011   (D) 430311

39. There are two swimming pools in a garden one for children whose length and breadth are respectively 8 m and 6 m., the other for adult whose length is 3 times the length of childrens' and breadth is 6 m. The perimeter of the swimming pool for the adult is :

    (A) 60 m   (B) 48 m   (C) 28 m   (D) 14 m

40. A survey conducted on a state shows that 1623540 people have only primary education; 9768678 people have secondary education; 6437945 people have higher education and 2682635 people are illiterate. If the number of children below the age of school admission be 698781. The population of the state is :

    (A) 20211579   (B) 21211579   (C) 21121579   (D) 2001579

41. The greatest number less than 900 which is divisible by 8, 12 and 18 is :

    (A) 864   (B) 862   (C) 4   (D) 898

42. If $\dfrac{3}{7}$ of the cost of an article is ₹ 2700. The cost of 8 articles is :

    (A) ₹ 21600   (B) ₹ 6300   (C) ₹ 48000   (D) ₹ 50400

43. Number of Govt. teachers is 40 % more than number of private school teachers in Manipur. Number of private school teachers is 1500. Then the number of Govt. school teachers is :

    (A) 1900   (B) 2100   (C) 2400   (D) 2600

44. 3 cats eat 3 mice in 3 minutes. In how many minutes one cat will eat one mouse ?

    (A) 1 minute   (B) 3 minutes   (C) 6 minutes   (D) 4 minutes

45. $19 \cdot 593 \times 19 = ?$

    (A) 372.267   (B) 372.276   (C) 372.367   (D) 372.376

46. A number when divided by 5 gives 4 as quotient and 2 as remainder. The number is :

    (A) 22   (B) 26   (C) 18   (D) 29

47. Two vertically opposite angles are :

    (A) Complementary   (B) Supplementary

    (C) Equal   (D) None of these

48. A fraction is said to be in its simplest form when its numerator and denomiator are :

    (A) even   (B) odd

    (C) the multiple of 5   (D) Co-prime

49. How many lines can be drawn through a point ?

    (A) One   (B) Three   (C) Infinite   (D) None of these

50. The product of two numbers is 24. If their LCM is 12, what is their HCF ?

    (A) 1   (B) 2   (C) 4   (D) 6

Answers

2010

1.	D	2.	B	3.	C	4.	D	5.	B	6.	C
7.	A	8.	A	9.	C	10.	B	11.		12.	C
13.	A	14.	B	15.	B	16.	A	17.	B	18.	D
19.	B	20.	B	21.	C	22.	D	23.	D	24.	C
25.	D	26.	C	27.	D	28.	A	29.	C	30.	A
31.	A	32.	D	33.	D	34.	B	35.	C	36.	B
37.	A	38.	C	39.	D	40.	C	41.	B	42.	A
43.	B	44.	C	45.	D	46.	C	47.	A	48.	D
49.	C	50.	C								

2011

1.	C	2.	D	3.	B	4.	D	5.	C	6.	A
7.	C	8.	D	9.	A	10.	B	11.	D	12.	C
13.	B	14.	C	15.	B	16.	B	17.	A	18.	B
19.	A	20.	A	21.	B	22.	C	23.	A	24.	D
25.	D	26.	B	27.	B	28.	B	29.	C	30.	A
31.	D	32.	D	33.	B	34.	D	35.	A	36.	B
37.	C	38.	D	39.	B	40.	B	41.	A	42.	D
43.	D	44.	C	45.	A	46.	A	47.	A	48.	A
49.	D	50.	A								

2012

1.	C	2.	A	3.	D	4.	C	5.	B	6.	B
7.	D	8.	A	9.	A	10.	B	11.	D	12.	D
13.	D	14.	B	15.	A	16.	D	17.	B	18.	B
19.	A	20.	C	21.	A	22.	C	23.	B	24.	B
25.	A	26.	C	27.	C	28.	D	29.	C	30.	D
31.	C	32.	B	33.	D	34.	A	35.	C	36.	C
37.	D	38.	C	39.	B	40.	C	41.	D	42.	B
43.	B	44.	C	45.	B	46.	A	47.	C	48.	B
49.	B	50.	A								

2013

1.	B	2.	B	3.	D	4.	C	5.	A	6.	D
7.	C	8.	A	9.	C	10.	B	11.	C	12.	B
13.	D	14.	C	15.	A	16.	B	17.	A	18.	C
19.	B	20.	C	21.	B	22.	B	23.	C	24.	D
25.	A	26.	B	27.	C	28.	C	29.	A	30.	C
31.	D	32.	D	33.	B	34.	A	35.	D	36.	B
37.	B	38.	C	39.	A	40.	B	41.	A	42.	D
43.	B	44.	B	45.	A	46.	A	47.	C	48.	D
49.	C	50.	B								