Brihan Mumbai Ganit Adhyapak Mandal, Mumbai

Instructions :
1) Question paper and answersheet are separate.
2) Rough work is to be done in the space provided in each page of the question paper.
3) Do not fold the answersheet.
4) Colour the correct alternative with the ball-pen as follows.

For Example :   How many days does the month of March have ?
A) 30   B) 31   C) 29   D) 28
Correct answer is B; so B should be coloured as shown below.

A)   (B)   C)   D)

1. Write the given number in figures.

   Seventy thousand four hundred eighty nine.

   A) 74089   B) 70489   C) 7489   D) 70479
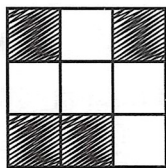
2. Write the number 23045 in expanded form.
   A) 20,000 + 400 + 40 + 5   B) 2,000 + 3,000 + 40 + 5
   C) 20,000 + 3,000 + 40 + 5   D) 20,000 + 400 + 5

3. 5#65 + 32*6 = 9001 then #, * = _____
   A) 7, 3   B) 3, 7   C) 8, 0   D) 8, 4

4. Express the shaded part of the figure in fractional form.

   A) $\dfrac{9}{4}$ B) $\dfrac{5}{4}$ C) $\dfrac{4}{5}$ D) $\dfrac{4}{9}$
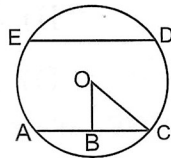
①

5.	$6000 - 1001 =$ ————

A) 6999		B) 5999		C) 4999		D) 5009

6.	Write the number 67925 in words.

A) Sixty seven thousand ninty five.

B) Sixty seven thousand nine hundred twenty five.

C) Sixty thousand nine hundred twenty five.

D) Sixty seven thousand twenty five.

7.	Numbers A and B in the following sequence are _____ , _____ .

  A , B ,	602 ,	606 ,	610

A) 603 , 600		B) 600, 601		C) 596, 599		D) 594, 598

8.	Digits and their places in the number are given. Write down the number they make.

5 Th ,	7 TTh,	3 H ,	2 T ,	4 U

A) 57324		B) 73524		C) 73254		D) 75324

9.	Which of the following letters is not symmetrical about axis ?

H		A		G		Y

A) Y		B) G		C) A		D) H

10.	Which of the following fractions is the greatest ?

$\dfrac{17}{11}$,	$\dfrac{17}{9}$,	$\dfrac{17}{13}$,	$\dfrac{17}{15}$

A) $\dfrac{17}{11}$		B) $\dfrac{17}{9}$		C) $\dfrac{17}{13}$		D) $\dfrac{17}{15}$

②

11. $810 \times 45 =$ _____

    A) 8550   B) 36550   C) 36450   D) 36050

12. Write the place value of the underlined digit $\underline{5}6708$.

    A) 5000   B) 5600   C) 500000   D) 50000

13. 60 days = _____ weeks, _____ days.

    A) 8, 4   B) 7, 4   C) 8, 0   D) 9, 3

14. Write the following numbers in descending order. 2917, 2719, 2979

    A) 2979, 2719, 2917   B) 2979, 2917, 2719

    C) 2719, 2917, 2979   D) 2917, 2979, 2719

15. If $\dfrac{5}{13} = \dfrac{30}{\square}$, then $\square =$ _____.

    A) 13   B) 65   C) 78   D) 5

16. Which of the following numbers is not an odd number ?

    713, 829, 526, 357

    A) 713   B) 829   C) 526   D) 357

17. $951 + 99058 =$ _____.

    A) 108009   B) 100009   C) 99959   D) 99909

18. How to write the following fraction using numbers ?

    Seventeen and three quarters

    A) $18\dfrac{3}{4}$ B) $18\dfrac{1}{4}$ C) $17\dfrac{3}{4}$ D) $17\dfrac{1}{4}$

19. Find the number divisible by 7 from the given numbers -

    632, 1260, 1893, 2710

    A) 632   B) 1260   C) 1893   D) 2710

20. If the hour hand is between 2 and 3 and the minute hand is on 10,

    then the time is _____.

    A) 2 : 10   B) 3 : 10   C) 3 : 50   D) 2 : 50

21. If $650 \div \square = 26$ then $\square$ = _____

    A) 25   B) 26   C) 15   D) 50

22. The fourth even number after 35 is _____

    A) 43   B) 42   C) 44   D) 40

23. What is the largest number formed by digits 4, 2, 9 without repeating the digits ?

    A) 492   B) 999   C) 942   D) 924

24. Cost of two and a half dozen bananas is ₹ 120 then what is the cost of one banana ?

    A) ₹ 4   B) ₹ 54   C) ₹ 12   D) ₹ 40

25. Which of the following years will have 366 days ?

    2024, 2023, 2026, 2025

    A) 2025   B) 2026   C) 2023   D) 2024

26. Put appropriate signs in the place of $\square$ and Δ

    $(8 \times 500) \ \square \ (4 \times 1000) \ \Delta \ (600 - 200)$

    A) =, >   B) >, >   C) =, <   D) <, <

27. How do we write the number 437 in devnagari numerals ?

    A) ४३१   B) ४३२   C) ४३७   D) ५३२

28. Perimeter of a rectangle is 52 cm. and length of that rectangle is 18 cm. Then what is the breadth of the rectangle ?

   A) 34 cm.   B) 16 cm.   C) 8 cm.   D) 36 cm.

29. How many bouquets can be made from 735 flowers, with 7 flowers in each bouquet ?

   A) 105   B) 15   C) 115   D) 1005

30. An aircraft left Mumbai for the United States at 5 : 45 in the morning and reached the United States at 10:30 night on the same day. How much time did it take to reach the destination ?

   A) 16 hr. 15 min.   B) 16 hr. 45 min.

   C) 28 hr. 15 min.   D) 16 hr. 30 min.

31. The 4-digit number 937✡ is completely divisible by 11. Find the digit in the place of ✡ .

   A) 0   B) 2   C) 8   D) 1

32. Average speed of a car is 50 km. per hour. How much distance will it cover in one and the half hour ?

   A) 100 km.   B) 80 km.   C) 60 km.   D) 75 km.

33. In the adjoining figure, 'O' is the centre of the circle. Write the name of the radius of the circle.

   A) OB   B) OC

   C) AC   D) ED

34. In Lonavala census taken in the year 2010, the population was 74405. The census for year 2020 was 84302. How much was the increase ?

   A) 158707   B) 9103   C) 1077   D) 9897

35. Three-fourth part of a 36-meter rope is cut. Find the length of the remaining part in centimeters.
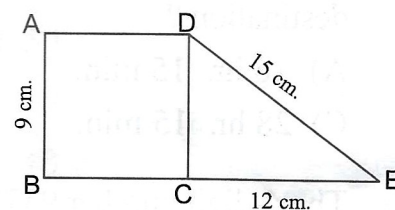
A) 270   B) 900   C) 180   D) none of these

36. Shriya had one 500 rupees note, 4 notes of 20 rupees and 6 coins of 1 rupee each. Her mother gave her 2 notes of 100 rupees and one note of 50 rupees. Then how much total amount did Shriya have ?

A) ₹ 526   B) ₹ 776   C) ₹ 676   D) ₹ 836

37. ABCD is a square. Then what is the perimeter of Δ DCE ?

A) 63 cm.   B) 54 cm.

C) 45 cm.   D) 36 cm.

38. 25728 persons were present on the cricket ground to watch the match. Out of them, 17506 were men, 6220 were ladies and remaining were children. How many children were present to watch the match ?

A) 8222   B) 2022   C) 2002   D) 2222

39. The time quarter to nine in a clock = _____

A) 45 minutes past 9   B) 45 minutes past 8

C) 15 minutes past 9   D) 15 minutes past 8

40. $\dfrac{8}{17} + \dfrac{5}{17} - \dfrac{6}{17} = ?$

A) $\dfrac{13}{17}$ B) $\dfrac{11}{17}$ C) $\dfrac{7}{17}$ D) $\dfrac{19}{17}$
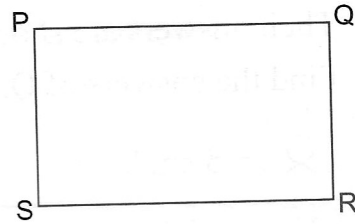
41. 5420 grams + 3775 grams = _____ kilogram _____ grams.

    A) 8, 195   B) 9, 195   C) 8, 355   D) 9, 355

42. In a certain division, the quotient is 200, the remainder is 20 and the divisor is 23.
    Find the dividend.

    A) 4620   B) 4600   C) 4602   D) 4643
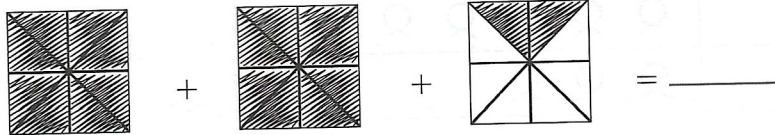
43. Which two of the following statements are true for the given figure of rectangle PQRS ?

    i) Perimeter of □ PQRS = PQ × QR

    ii) ∠P and ∠Q are acute angles.

    iii) Side PQ = Side SR

    iv) Perimeter of □PQRS = 2(PQ + PS)

    A) i & ii   B) ii & iii   C) iii & iv   D) i & iii

44. Add the coloured parts.

    A) $2\frac{2}{4}$ B) $2\frac{3}{4}$ C) $2\frac{2}{8}$ D) $2\frac{4}{8}$

45. Poorva reached her hometown for Deepawali on 13th October and stayed there till
    30th November. How many days did she spend there ?

    A) 47   B) 46   C) 48   D) 49

46. If one book costs ₹ 95, how much is the cost of 32 such books ?

    A) ₹ 2940   B) ₹ 2040   C) ₹ 3040   D) ₹ 475

47. Amar starts writing the multiples of 9 and Priya starts writing the multiples of 7. What is the first common multiple both of them must have written ?

   A) 53   B) 73   C) 45   D) 63

48. How many 50 rupees notes will have the amount Rs. 1550 ?

   A) 31   B) 16   C) 21   D) 155

49 & 50   In the school, the teacher asked students to name their favourite sweet dish. Their answers are shown in the following table.
Find the answers of Q. 49 & Q. 50

   Ⴗ = 5 students

Name of the sweet dish	Number of students
Jalebi	Ⴗ Ⴗ
Laddoo	Ⴗ Ⴗ Ⴗ Ⴗ Ⴗ
Gulabjamun	Ⴗ Ⴗ Ⴗ Ⴗ Ⴗ Ⴗ
Shrikhand	Ⴗ Ⴗ Ⴗ

49. Which is the most popular dish among students ?

   A) Jalebi   B) Laddoo   C) Gulabjamun   D) Shrikhand

50. By how much is the number of students who like Laddoos more than the number of students who like Jalebi ?

   A) 10   B) 15   C) 20   D) 25

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