**SINDHI HIGH SCHOOL,HEBBAL**

**HALF YEARLY EXAMINATION,OCTOBER.2023**

**SUBJECT: MATHEMATICS**

**CLASS: 5 MAX MARKS : 80**

**TIME 2 HOURS**

**General Instructions:**

**Section – A**

**Section A consists of 20 questions of 1 mark each.**

1.The Roman numeral for 1010 is \_\_\_\_\_\_\_\_\_

(a) MX (b) XM (c) DDX (d) XDD

2.Find the number which 352480 more than 1000 is \_\_\_\_\_\_\_\_\_\_\_\_

(a) 362480 (b) 353480 (c) 452480 (d) 352580

3. The common factors of 12 and 16 is \_\_\_\_\_\_\_\_\_\_\_\_\_\_

(a) 1, 2, 3 and 4 (b) 0,1, 2 and 3 (c) 1,2 and 4 (d) 2,4 and 5

4.) 8 4 = 2,which symbol has to come in the box.

(a) + (b) - (c) × (d)÷



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= = 5

1. 15 (b) 5 (c) 10 (d) 3

6. Which is simple closed curve among the following:

(a) (b) (c) (d) A

**7.** The predecessor of greatest 5- digit number is \_\_\_\_\_\_

(a) 10,000 (b) 99,999 (c) 99,998 (d) 10,001

8. Multiple of 12 is \_\_\_\_\_\_\_\_\_\_

(a) 14 (b) 13 (c) 16 (d) 24

9. The lowest form of fraction of is \_\_\_\_\_\_\_\_\_\_

(a) (b) (c) (d)

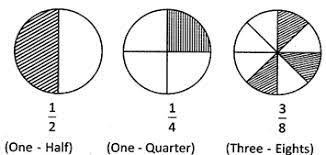
10. A series of points together and endlessly extended in both directions in a straight line is called a \_\_\_\_\_\_\_\_\_

(a) line (b) line segment (c) a ray (d) curve

**Fill in the blanks:**

11, A circle when divided equally into two halves. Each half is called a \_\_\_\_\_\_

1. The adjoining figure can be represented in fraction as \_\_\_\_\_\_\_\_\_



13.The smallest perfect numbers is \_\_\_\_\_\_\_\_\_\_

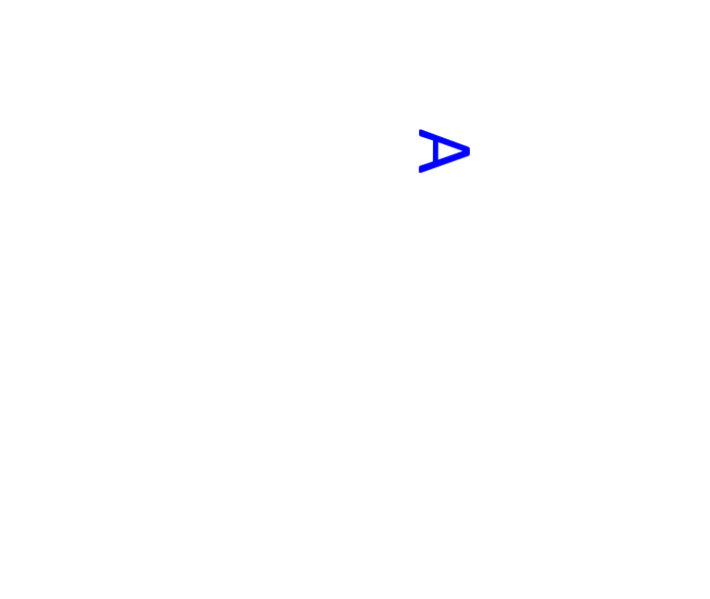
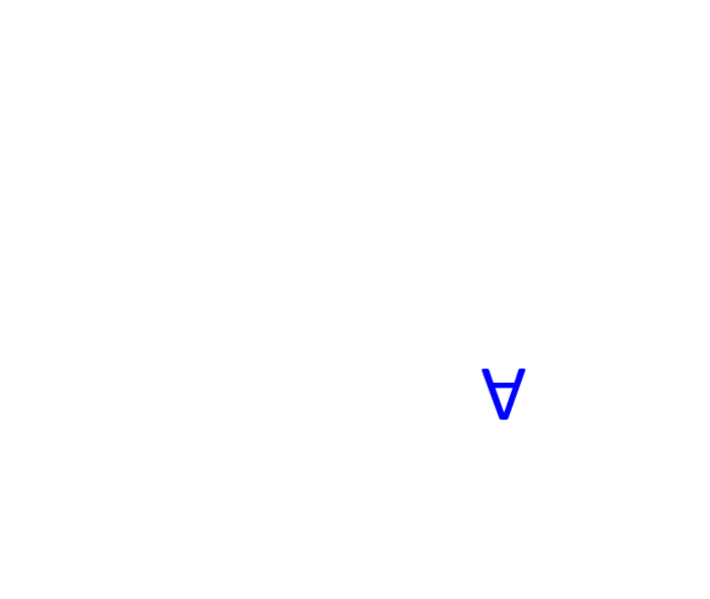
14. (a) 49,28,354 + 0 = \_\_\_\_\_\_\_\_\_\_\_\_

(b) 65,93,846 - 65,93,846 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_

15. The smallest 4 – digit number is \_\_\_\_\_\_\_\_\_\_\_\_

16. A triangle with equal sides has \_\_\_\_\_\_\_\_\_\_\_ lines of symmetry.

17. Create the next one pattern above in the following :

A   \_\_\_\_\_\_\_\_\_\_

18. A net of a cube has \_\_\_\_\_\_\_\_equal square faces.

19. Subtraction of XCVIII from CLXV is \_\_\_\_\_\_\_\_

20. A \_\_\_\_\_\_\_\_\_ number has only 2 factors, 1 and the number itself.

**SECTION – B (2 ×6 =12)**

**21.** Compare as ; ; =

(a) 980787 980780

(b) 429308 4,00,000 + 20,000

22. What should be added to 6,25,431 to get 7,34,185 ?

23. Write first four multiples of 15.

24. Reduce the given fraction to their lowest term by finding HCF of the numerator and denominator.

25. Answer the following question observing the

adjoining figure.

1. Any 4 points.
2. Any 2 obtuse angle
3. Any 1 ray.
4. Any 1 line segment.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 3 | 6 | \_\_ | 3 | 4 |
| 3 | 1 | 4 | \_\_ | 2 |
| 6 | \_\_ | 9 | 6 | \_\_ |

1. Fill in the missing digit

**SECTION – C (3 ×8= 24 )**

27 (a) Arrange the following in ascending order:

5078013; 5078192 ; 5078014 ; 5077016

(b)Write the following in their Standard form:

8,000,000 + 200,000 + 8000

28. Use prime factorisation method to find HCF of 20 and 36.

29. Draw and name the following parts on the circle

1. Diameter of the circle ‘AB’
2. Centre of the circle ‘O’
3. Chord of the circle ‘PQ’

30. Mark the following angles with their respective colour as directed

(a) Acute angle in blue colour

(b) Right angle in red colour.

(c) Straight angle in yellow colour.

31. 23,604 trees were planted equally by 42 schools.

How many trees did each school plant?

32. (a) How many lines of symmetry does a circle have?

(b) Draw the mirror reflection of half along the dotted line.

33.(a)Which of the following fraction is greater?

(or)

(b) Find - = ?

34 The cost of 16 books is Rs 640. Find out the cost of 1 book and hence find the cost of 9 books?

**SECTION –D (4 × 6 = 24)**

35.(a)Rewrite 6,605,445 using commas according to Indian place value.

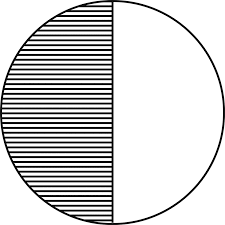
(b) Circle the appropriate digits in the number for the given place value: 70,000 in 37,47,78,642.

(c) Write the greatest 7-digits such that 2 remains at thousands’ and lakhs’ place.

(d) Compare the following:

XCII CIX

36(a) Create the patterns by repeating the turning shapes.

(i)= (Repeating turn)

.

= (Repeating turn)

(ii)

(b) Draw the net of a cuboidal box. What they look like given, when it is cut opened and made flattened?

(c) Draw the 3 views of the given solids

37.(a) Find the sum of the largest 6- digit and largest 5- digit numbers.

(b) Total population of a town is 18,39,150, if the number of females is 8,00,637; Find the number of males in the town?

38.(a)Sam has Rs 17 . He spent Rs 9 in buying a pen. How much money is left with him?

(b) Add : 1 + 1 + 7

39. (a) Fill in the missing number.

Prime factorisation of 20= \_\_\_\_\_\_\_\_

Prime factorisation of 45 = \_\_\_\_\_\_\_\_

So, HCF of 20 and 45 = \_\_\_\_\_\_\_\_

(b) Draw Factor tree for 100.

11111100

40.(a) Find the diameter of the circle with radius 6 cm.

(b) In the adjoining figure , identify the special chord of the circle and what it is called as ?

(c)Name the Straight angle in the given figure

1. What type of angle is observed, when the arms of the clock shows time as 4’ O clock in the evening.