# 42-A
# SUMMATIVE ASSESSMENT - I - 2017-2018
# MATHEMATICS Paper

**(English Medium)**

**PART - A & B**

| Class : VI | **(Max. Marks : 80)** | Time : 2.45 Hrs. |
|---|---|---|

## Instructions :

1. **15 Minutes are allotted for reading the question paper (Part A & B) in addition to 2.30 hours for writing the answers.**
2. Part - A answers should be written in a separate answer book.
3. There are three Sections in Part - A.
4. Answer all the questions.
5. Every answer should be visible and legible.
6. There is internal choice in Section - III.
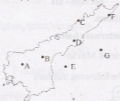7. Part-A & B should be given at the beginning of the exam only.

**Marks : 60**

# PART-A

## Section - I

**Note 1. Answer all the Questions.**

      **2. Each Question carries 2 Marks**          **4 × 2 = 8**

1. Form four digit numbers with the digits 4,0,3,7 and find which is the greatest and the smallest among them?

2. Name the points that lie (i)in the interior (ii) on the boundary and (iii) in the exterior of the figure



3. Study the pattern

| 91 x 11 x 1 | = | 1001 |
|---|---|---|
| 91 x 11 x 2 | = | 2002 |
| 91 x 11 x 3 | = | 3003 |

Write next four steps

1

4. Write any mobile number (10digits) using commas and write it in words in Indian and International system

## Section – II

Note    1. Answer all the Questions.

   **2. Each Question carries 4 Marks**          **5 × 4 = 20**

5. A bicycle industry makes 4,275 bicycles every day. Find the total number of bicycles manufactured for the month of January?

6. a) Write some numbers which can be shown as Squares?

   b) Write some numbers which can be shown as Triangles?

7. Find the H.C.F of the 18, 27, 36 by Continued division method?

8. Remember the divisibility rules for 2,3,4,5,8,9,10 and fill the following boxes.

| Just the last digit | | |
|---|---|---|
| Sum of all digits | | |
| Last 2 and 3 digits respectively | | |

9. Mark any four points A,B,C and D join them to make a Quadrilateral and name it.

## Section – III

Note  1. Answer all the Questions.
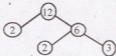
   2. Each Question has internal choice

   **3. Each Question carries 8 Marks**          **4 × 8 = 32**

10. a) Write prime factors of the following numbers.

   Example:



   $12 = 2 \times 2 \times 3$

   i) 72      ii) 54      iii) 100      iv) 128

(OR)

b) Find the value of the following using suitable properties

    i) 368 x 12 + 18 x 368     ii) 20 x 255 x 50 x 6
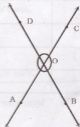
    iii) 205 x 1989     iv) 1991 x 1005

11.   a) Three measuring tapes are 64cm, 72cm and 96 cm. What is the least length that
     can be measured by any of these tapes exactly?

               (OR)

  b) Name the angles, Vertex and arms
    of the angles from the figure.

| | I | II | III | IV |
|---|---|---|---|---|
| Angle | $\angle AOB$ | | | |
| Vertex | $O$ | | | |
| Arms | $\overrightarrow{OA}, \overrightarrow{OB}$ | | | |

12.   a) Write the following in Ascending order

    i) Millimeter, meter, centimeter, kilometer

    ii) Million, Lakh, Crore, Thousand

    iii) 5078, 5708, 5870, 0587

    iv) kilogram, milligram, gram, decagram

               (OR)

  b) What is the H.C.F of any two

    i) Consecutive numbers

    ii) Consecutive even numbers

    iii) Consecutive odd numbers

  and write your inference?

3

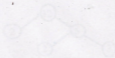13. a) Find the following using number line

(i) $2 + (-3) + 5$

(ii) $(-4) + (-1) + (-2)$

(OR)

b) Draw a circle and draw atleast 4 chords in it. Make sure atleast one of them passes through the centre. Name them and fill in the table.

| S.No | Chord Name | Length | Passes through the centre (Yes/NO) |
|------|-----------|--------|-----------------------------------|
| 1 |  |  |  |
| 2 |  |  |  |
| 3 |  |  |  |
| 4 |  |  |  |

Write your Inference?

# SUMMATIVE ASSESSMENT - I - 2017-2018

## MATHEMATICS Paper

(English Medium)

Class - VI

Part - B

Time : 30minutes                                    Marks : 20

| Q.No | AS - I | | | | | | AS - II | | | AS - III | | | AS - IV | | | | AS - V | |
|------|---|---|---|----|-------|---|---|----|-------|---|----|-------|---|---|---|-------|----|---|-------|
| | 1 | 7 | 9 | 10 | 11 | 14-19 | 6 | 12 | 20-23 | 4 | 8 | 24-25 | 2 | 3 | 5 | 26-29 | 13 | | 30-33 |
| Marks | | | | | | | | | | | | | | | | | | | |
| Total | | | | | | | | | | | | | | | | | | | |

Name of the Student :------------------------------------------ Roll No.: -------------------

**Note:**

1. **Answer all question in Part - B**

2. **Each Question has 4 options. Write the capital letter indicating the answer in the given brackets.**

3. **Marks are not awarded for over writing answers.**

4. **All questions carry equal marks.**

14. Place value of "5" in 25764 is                     (    )

     A) 5          B) 500          C) 5000          D) 50,000

15. $6 \div 0$ and $11 \div 0$ are equal to                   (    )

     A) 0          B) 6          C) 11          D) Not defined

16. $3 + (1991 + 7) = 3 + (7 + 1991)$ is a             (    )

     A) Commutative under addition          B) Additive Identity

     C) Associative property under Addition      D) Distributive property

17. Which of the following is divisible by 2,5 and 10        (    )

     A) 162          B) 160          C) 200          D) B and C

18.  Prime factorisation of 24 is ( )

   A) 4 x 6     B) 2 x 2 x 6     C) 2 x 2 x 2 x 3   D) 8 x 3

19.  Which of the following has a definite length ( )

   A) Line     B) Point     C) Line segment   D) Ray

20.  Which of the following is true ( )

   A) Whole numbers are closed under Addition

   B) Whole numbers are closed under subtraction

   C) Whole numbers are closed under multiplication

   D) A and B

21.  123456 is exactly divisible by ( )

   A) 6     B) 5     C) 9     D) 11

22.  10 Lakhs is ( )

   A) 1 Million   B) 1 crore   C) 100 thousands D) All the above

23.  Which letter is an example of simple curve ( )

   A) G     B) O     C) L     D) M

24.  3000 + 400 + 7 = ( )

   A) 30407   B) 3407   C) 3407   D) 34007

25.  L.C.M means ( )
   A) Less Common Multiple       B) Least Common Divisor

   C) Least common Multiple     D) None of the above

26.  If each Tea cup requires 30 ml milk then number of Tea cups can be made
   with 6 liters

   A) 5     B) 20     C) 2000   D) 200

27. $a + b = d$ then $b + a =$ ( )

   A) d        B) a        C) b        D) ba

28. Which of the following number is divisible by 2,4 and 8 ( )

   A) 242      B) 482      C) 248      D) 842

29. The shaded portion of figure observed in our daily life is ( )
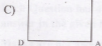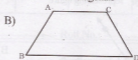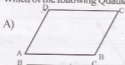
   A) Piece of biscuit
   B) Piece of Pizza
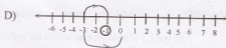   C) Piece of Jilebi
   D) Piece of water milon
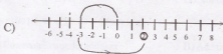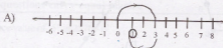
   

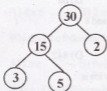30. Which of the following Quadiateral has AC and BD as diagonals ( )

   A)         B) 

   C)         D) A and B

31. -3 + 2 can be represent on the numberline as ( )

   A) 

   B) 

   C) 

   D) 

3

32.



Factor tree represents ( )

A) Prime fatorisation     B) H.C.F

C) L.C.M     D) Divisibility

33. $\angle ABC$ representing figure ( )

A)



B)



C)



D)



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