

Class: VI

Subject: Maths (unsolved sample paper)

Summative Assessment -I

Time: 2½ hours

MM:60

Name: \_\_\_\_\_ class & section: \_\_\_\_\_ Roll.no. \_\_\_\_\_

Invigilator's Name & Signature \_\_\_\_\_

General instructions

- i) The question paper contains 4 sections.
- ii) Section -A 1 -8 ½ mark each.
- iii) Section -B 9 -14 1 mark each.
- iv) Section -C 15 -24 2 marks each.
- v) Section -D 25 -34 3 marks each.

### SECTION - A

Multiple choice questions:

Q1. The place value of 9 in 78,972 is:

- a) 900
- b) 70
- c) 78000
- d) 20

Q2. The smallest whole number is:

- a) 0
- b) 1
- c) 2

d) 3

Q3. \_\_\_\_\_ is a factor of every number:

a) 0

b) 1

c) 2

d) 3

Q4. Value of  $|-9|$  is

a) -9

b) 9

c) 0

d)  $|-9|$

Q5. If  $\frac{-}{-} = \frac{-}{-}$ , then x is

a) 7

b) 6

c) 3

d) 1

Q6. Which of the following statements is correct?

a)  $- < -$

b)  $- - -$

c)  $- - -$

d)  $- -$

Q7. A Polygon with each angle less than  $180^\circ$  is called a \_\_\_\_\_ polygon.

a) convex

b) concave

c) Acute polygon

d) Obtuse Polygon

Q8. Number of lines of symmetry in square are -

- a) 1
- b) 2
- c) 3
- d) 4

### SECTION - B

Q9. Place commas at appropriate places, give the number name (International system of Numeration) 4007551

Q10. Write predecessor of 6804500.

Q11. Find the H.C.F. of 12, 24 and 36.

Q12. Represent 0, -2, -5 and 4 on the number line.

Q13. Find:- — —

Q14. Draw the following:

- a) a ray PQ      b) a pair of parallel lines

### SECTION - C

Q15. A machine produces 2520 pens in a day. How many pens will be produced in the month of May?

Q16. Write the numerals for the following.

- (i) LXXIV ..... (ii) XCIII .....

Q17. Use distributive property of multiplication over addition:  $35 \times 58$

Q18. Find the HCF of 8 and 12.

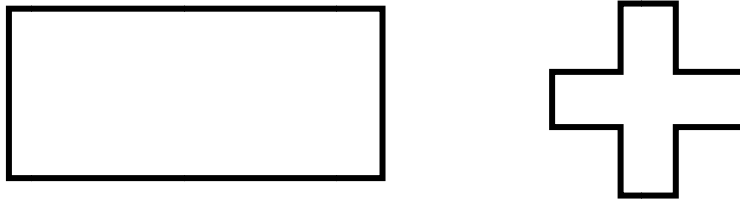
Q19. Find: — —

Q20. The sum of two integers is -555. If one of them is 427, find the other.

Q21. Write the fraction — — in descending order.

Q22. Draw a circle of suitable radius and show sector in it.

Q23. Mark the lines of segments for the following:



Q24. Draw shape of:

a) only a horizontal line or symmetry. b) only one line of symmetry.

#### SECTION - D

Q25. A machine produces 3587 pencils in a day. How many will be produced in the month of March.

OR

Estimate

(i)  $23,678 - 12,399$       (ii)  $4,567 + 14,743$

(ii)  $239 \times 543$

Q26. A chair costs Rs.650/- and a table Rs.500. Find the cost of 5 chairs and 5 tables.

Q27. Find the smallest number that is divided by 12, 16, 20.

OR

Find the sum of 951 and -812, subtract the sum of -645 and 582.

Q28. Prime factorize 84 using 1st branch as  $2 \times 42$ .

Q29. Three strings of ropes of different lengths 284cm, 426cm, 710cm are to be cut into small parts of equal length. What is the greatest

possible length of each part so that there is no wastage.

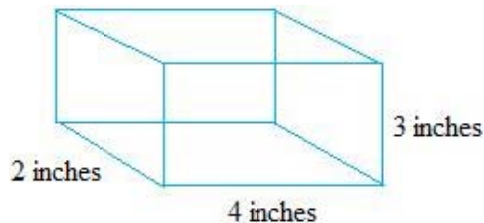
OR

Two lighthouses flash their lights after every 20sec. and 30 sec. respectively. Given that they flashed together at 7P.M., When will they next flash together.

Q30. Pranav deposited Rs.7650 in his account on Monday. On Tuesday he withdrew Rs.4900. On Wednesday he again deposited Rs.3550 in his account. What is the balance in his account?

Q31. Find LCM of 19, 95, 38.

Q32. What is the volume and surface area of the following rectangular prism?



Volume = \_\_\_\_\_.

Surface area = \_\_\_\_\_.

Q33. Define: (i) Chord (ii) Segment (iii) Sector

Q34. Write the letter in English alphabet satisfying the following.

- (i) Only a horizontal line of symmetry.
- (ii) Exactly 3 lines of symmetry
- (iii) Exactly 1 line of symmetry.