

CBSE Class 6 Maths Sample Paper SA 1 Set 2

CLASS : VI
SUBJECT: MATHEMATICS

MAX.MARKS: 90
DURATION : 3 HOURS

Instruction:-

1. All questions are compulsory
2. The question paper consists of 34 questions divided into 4 sections, section A, section B, section C and section D.
3. Section A contains 8 multiple choice question of 1 mark each, Section B contains 6 questions of 2 mark each, Section C contains 10 questions of 3 mark each and Section D contains 10 questions of 4 mark each.
4. There is no overall choice. However, internal choice has been given in one question each in Section B, Section C and Section D.

SECTION - A (1 x 8 = 8)

Choose the correct answer :-

1. The sum of the place values of 5's in 605052 is _____
a) 4050 b) 4950 c) 5050 d) 500
2. How many line can pass through 2 given points ?
a) 1 b) 2 c) many d) 3
3. The width of all the bars drawn in a bar graph is always _____
a) equal b) unequal c) double d) none of these
4. $\frac{1-1}{2}$ represents _____
a) 2 b) 0 c) 1 d) 11
5. _____ is a perfect number.
a) 6 b) 10 c) 12 d) 8
6. There are _____ diagonals in a triangle.
a) 2 b) 4 c) 3 d) 0
7. The smallest twin prime numbers are _____
a) (1,3) b) (2,3) c) (3,5) d) (2,4)
8. _____ centimetres = 1 kilometre
a) 100 b) 1000 c) 10 d) 100000

SECTION - B (2 x 6 = 12)

9. Insert commas suitably and write the number name of 8546283 according to Indian and International system of numeration.
10. Write the successor and the predecessor of the greatest six digit number
- OR**
10. Find the value of $8 - 3$ using number line
11. How many whole numbers are there between 9999 and 999 ?
12. List all the factors of 56.
13. Two distinct lines that,
- a) meet at a point are called _____ .
- b) do not meet at any point are called _____ .
14. Find the first 3 common multiples of 8 and 12 .

SECTION - C (3 x 10 = 30)

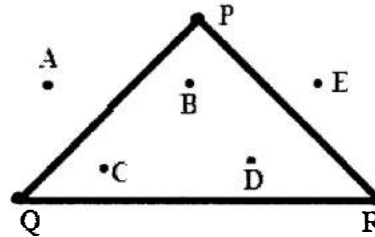
15. Draw a circle and mark the following:
- a) centre O
- b) sector AOB
- c) diameter AC
- d) segment DE
- e) point P in the interior of the circle
- f) point Q in the exterior of the circle
16. The cost of one bicycle is Rs. 237. Find the cost of 1 dozen of bicycles.
17. a) Arrange the following numbers in ascending order
10817, 18017, 80117, 17018
- b) How many lakhs make a crore ?
18. Estimate the value by rounding off to nearest hundreds $996 + 314 = 567$
19. Find the value by suitable rearrangement and mention the property used.
- a) $756 + 638 + 4244 + 4362$
- b) Name the property used in $a + b = b + a$
20. Using divisibility test, check if 75169823 is divisible by 11
- OR**
20. Using divisibility test, check if 274440 is divisible by 40

21. The following are the numbers of stamps collected by 20 students of a class. Prepare a tally marks table for the given data.

| | | | | | | |
|------|------|------|------|------|------|------|
| 115, | 117, | 117, | 120, | 119, | 120, | 120, |
| 117, | 119, | 117, | 120, | 119, | 120, | 112, |
| 115, | 117, | 117, | 120, | 112, | 120. | |

22. In the given figure, name the points

- a) In the interior of $\triangle PQR$
 b) In the exterior of $\triangle PQR$
 c) On $\triangle PQR$



23. Find the largest and the smallest digit in the blank space of the given number, so that the number is divisible by 3

$$43 - 750$$

24. The following pictograph shows the sale of books in a bookstore in the first 5 months of the year 2011. Study the pictograph and answer the questions given below.

= 75 Books

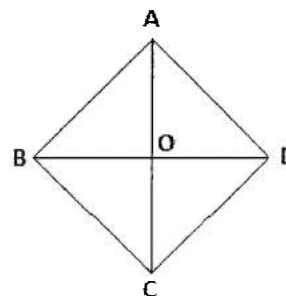
| Month | Books |
|----------|-------|
| January | |
| February | |
| March | |
| April | |
| May | |

1. What do you understand from the above pictograph ?
2. How many more books were sold in the month of March than in January ?
3. In which month was the sale minimum ? How many books were sold ?

SECTION - D (4 x 10 = 40)

25. Observe Quadrilateral ABCD and name

- a) 8 triangles
 b) 2 diagonals
 c) 2 pairs of opposite angles



26. Determine the greatest 3 digit number exactly divisible by 8, 10 & 12

27. a) Estimate the product by rounding off to the nearest thousands 2190×7540
 b) Form the greatest and the smallest 4 digit numbers using the digits 9, 0 & 7
28. The Cost of a table and chair is Rs.125 and Rs.75 respectively. Find the cost of 25 such tables and chairs.
29. Number of bicycles sold in a state in the year 2003 was 7, 43,000 and in the year 2005 was 8, 00,100. In which year were more bicycles sold and how many more ?
30. Find the product using suitable property and mention the property used.
 235×998
31. A Librarian placed an order of 250 books. Each book costs Rs 90. If he had Rs. 25000, how much would be left with him after the purchase ?
32. Find the LCM of 48, 62 & 93.
33. There are 3 oil tanks containing 51 litres, 136 litres and 289 litres respectively. What is the maximum capacity of the container that can be used to completely empty the oil in the tanks in exact number of times?
34. The number of clothes sold by a textile shop from Monday to Friday in a week are as following.

| Days | Monday | Tuesday | Wednesday | Thursday | Friday |
|---------------------|--------|---------|-----------|----------|--------|
| No. of clothes sold | 65 | 30 | 45 | 50 | 25 |

Draw a bar graph to represent the above data by taking a scale of **1 unit = 5 clothes**.

OR

34. The number of saplings planted by a farmer in five consecutive weeks are as follows

| Weeks | First | Second | Third | Fourth | Fifth |
|-----------------|-------|--------|-------|--------|-------|
| No. of Saplings | 400 | 300 | 650 | 500 | 250 |

Draw a bar graph to represent the above data. Take a scale of **1 unit = 50 saplings**