



**ST. MARGARET SR. SEC. SCHOOL**  
**SAMPLE PAPER MID TERM EXAMINATION 2023-24**  
**MATHEMATICS**

**CLASS VI**

**SAMPLE PAPER**

**Time: 2.5 Hrs**

**M.M: 60**

**IMPORTANT INSTRUCTIONS:**

- 1) All questions are compulsory.**
- 2) Q.1 to Q.15 carry 1 mark each (MCQ).**
- 3) Q.16 to Q.22 carry 2 marks each.**
- 4) Q.23 to Q.27 carry 3 marks each.**
- 5) Q.28 to Q.31 carry 4 marks each.**

Q1. The successor of the predecessor of -50 is \_\_\_\_\_

- a. -50                      b. 50                      c. -49                      d. -51

Q2. If 1 is subtracted from the greatest 6-digit number, it will be equal to :

- a. 99998                      b. 1 lakh                      c. 10 lakh                      d. 999998

Q3. The integer to the lesser than of 0 is:

- a. 13                      b. - 11                      c. 14                      d. 20

Q4. Which of the following is true for  $\frac{11}{16}$  —  $\frac{14}{15}$  ?

- a. >                      b. <                      c. =                      d. none

Q5. Which natural number has no predecessor?

- a. 9                      b. 1                      c. 0                      d. 10

Q6. How many whole numbers are there from 28 to 59?

- a. 31                      b. 29                      c. 32                      d. 30

Q7. No. of sides required to make a quadrilateral is:

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

Q8. How many vertices are there in a square?

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

Q9. Choose the correct option:  $\frac{14}{10}$  ☐  $\frac{7}{5}$

- a. =                      b. >                      c. <                      d. none

Q10. Find the difference of -8 and -3.

- a. -11                      b. -5                      c. +5                      d. 11

Q11. \_\_\_\_\_ is neither positive nor negative.

- a. 10                      b. 7                      c. 1                      d. none

Q12. \_\_\_\_\_ is the representation of data using tallies.

- a. Bar graph              b. Tally marks              c. Pictograph              d. Pie chart

Q13. A proper fraction whose numerator is 5 and denominator 1 more than denominator is:

- a.  $\frac{5}{1}$                       b.  $\frac{6}{5}$                       c.  $\frac{5}{6}$                       d.  $\frac{1}{5}$

Q14. What name is given to closed curve with straight lines?

- a. circle                      b. open curve                      c. polygon                      d. none

Q15. How many points are there on a given line segment?

- a. 2                      b. 1                      c. 0                      d. countless

Q16. Find the equivalent fraction of  $\frac{3}{5}$  with

- a) Numerator 9                      b) denominator 20

Q17. Javed was given  $\frac{5}{7}$  of a basket of oranges. What fraction of oranges was left in the basket?

Q18. Represent following numbers as integers with appropriate signs.

- a) 80 m east                      b) Deposit of ₹500.

Q19. Write natural numbers from 52 to 73. What fraction of them are Prime numbers?

Q20. Draw a number line and locate the following points on it:

$$\frac{1}{8}, \frac{3}{8}, \frac{8}{8}, \frac{9}{8}$$

Q21. Draw a rough sketch of a triangle ABC. Mark a point P in its interior and a point Q in its exterior. Is the point A in its interior or exterior?

Q22. Starting from the smallest 8-digit number, write the previous five numbers in descending order.

Q23. Solve:  $18\frac{15}{25} - 3\frac{4}{5}$

Q24. Solve :  $(-33) - (-2) + (50) + (6)$

Q25. Subtract the sum of -98 and - 42 from sum of -128 and 200.

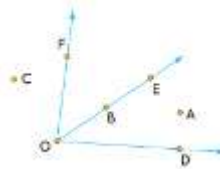
Q26. Sharmila had  $\frac{5}{6}$  of a cake and her younger brother had  $\frac{3}{4}$  of that cake. Who had more cake? By what fraction?

Q27. In the given diagram, name the point(s).

a) In the interior of  $\angle DOE$

b) In the exterior of  $\angle DOE$

c) On  $\angle DOE$



Q28. A student multiplied 8965 by 59 instead of multiplying by 69. By how much was his answer lesser than the correct answer?




















Q29. Solve:  $\frac{1}{5} + \frac{2}{15} - \frac{1}{10} + \frac{9}{20}$

Q30. The data of the choice of fruits of 42 children is given. Arrange the data in tabular form using tally marks.


A, O, B, M, A, G, B, G, A, G,  
 B, M, A, G, M, A, B, G, M, B,  
 A, O, M, O, G, B, O, M, G, A,  
 A, B, M, O, M, G, B, A, M, O, M, O,

where A, B, G, M and O stand for the fruits Apple, Banana, Grapes, Mango and Orange respectively.

Q31. The following pictograph shows the number of students in Class 6 in different years. Observe the pictograph and answer the following question:

Pumpkin Harvest	
Name	Number of Pumpkins
Danny	   
Jacob	  
Ray	    
Edwin	     
Alex	   



Key  = 60 pumpkins

a) How many pumpkins were harvested by Jacob?

b) Who harvested same number of pumpkins?

c) Who harvested 300 pumpkins?

d) If one truck can carry 50 pumpkins, how many buses were needed in the year 2000?