ST. MARGARET SR. SEC. SCHOOL
SAMPLE PAPER MID TERM EXAMINATION 2024-25
MATHEMATICS
CLASS VI

Time: 2.5 Hrs **SAMPLE PAPER** **M.M: 60**

SECTION-A
(Q1 to Q15 – MCQ Questions of 1 mark each)

Write correct option along with answer.

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. Minimum number of sides required to make a polygon is:

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

Q8. _____ is the greatest even negative integer.

a. 10 b. 7 c. -1 d. -2

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. How many vertex are in an angle?

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

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 lines can pass through a one given point?

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

SECTION-B

(Q16 to Q22 carry 2 marks each)

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

a) numerator 9 b) denominator 20

Q17. Sarita bought $\frac{2}{6}$ metre of ribbon and Lalita bought $\frac{3}{6}$ metre of ribbon. What is the total length of the ribbon they bought?

Q18. Represent following numbers as integers with appropriate signs and unit.

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 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?

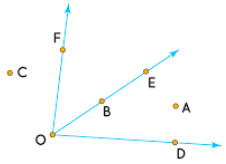
Q22. Starting from the smallest 8-digit number, write the previous five numbers in descending order.

SECTION-C

(Q23 to Q27 carry 3 marks each)

Q23. In the given diagram, name the point(s).

a) In the interior of ∠DOE b) In the exterior of ∠DOE c) On ∠DOE



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

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

Q26. Asha and Samuel have bookshelves of the same size partly filled with books. Asha's shelf is $\frac{5}{6}$ th full and Samuel's shelf is $\frac{2}{5}$ th full. Whose bookshelf is more full? By what fraction?

Q27. Solve: $18\frac{15}{25} + 3\frac{4}{5}$

SECTION-D

(Q28 to Q31 carry 4 marks each)

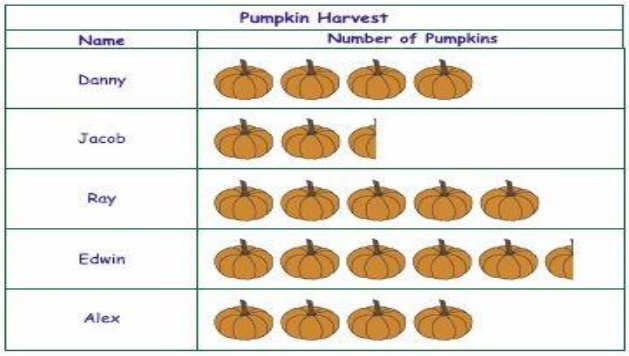
Q28. The data of the choice of fruits of 42 children is given. Arrange the data in tabular form using tally marks.

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.

Q29. Solve: $4\frac{1}{5} + 3\frac{2}{15} + 2\frac{9}{20}$

Q30. The following pictograph shows the number of students in Class 6 in different years.



Key = 60 pumpkins

Observe the pictograph and answer the following question:

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?

Q31. Find the sum of the following numbers as given below:

(a) predecessor of 69
(b) predecessor of the predecessor of 47
(c) successor of the successor of 88