

ST. THOMAS SCHOOL, SAHIBABAD
PERIODIC TEST III (2024 – 2025)
WORKSHEET
CLASS VII
MATHEMATICS (041)

TIME: 1 Hour

MM: 20

1. Which of the following is always one of the observation of the data?
(A) Mean (B) Median (C) Mode (D) Range [1]
2. The value of $(-1)^{23} \times 23^0$ is:
(A) 1 (B) - 1 (C) 23 (D) 0 [1]
3. $\frac{-7}{5}$ is greater than _____:
(A) $\frac{-70}{50}$ (B) $\frac{-17}{15}$ (C) $\frac{-35}{-20}$ (D) $\frac{10}{-7}$ [1]
4. Which of the following is usual form for $2 \times 10^7 + 3 \times 10^5 + 5 \times 10^2 + 7 \times 10^0$?
(A) 20305700 (B) 20030057 (C) 20305007 (D) 20300507 [1]
5. Find the mean of the first ten odd numbers. [2]
6. A class has 560 students. Each of them contributed ₹40520 for charity. How much amount did they contribute in all? Express the answer in standard (Scientific) form. [2]
7. By what number should $\frac{-27}{12}$ be divided to get $\frac{-24}{30}$? [2]
8. The following data shows the marks obtained by 11 students of a class. Find the mode and median of the data. Are they same?
24, 25, 20, 15, 13, 20, 22, 12, 23, 20, 30 [3]
9. Simplify using laws: $\frac{2^5 \times 15^8 \times 3^5}{10^3 \times 9}$ [3]
10. The following data shows the number of participants in the school annual programme in two years in different dances. Draw a double bar graph to represent the data. [4]

Subject	Dance 1	Dance 2	Dance 3	Dance 4	Dance 5
Term 1	50	44	36	53	47
Term 2	55	48	45	60	51