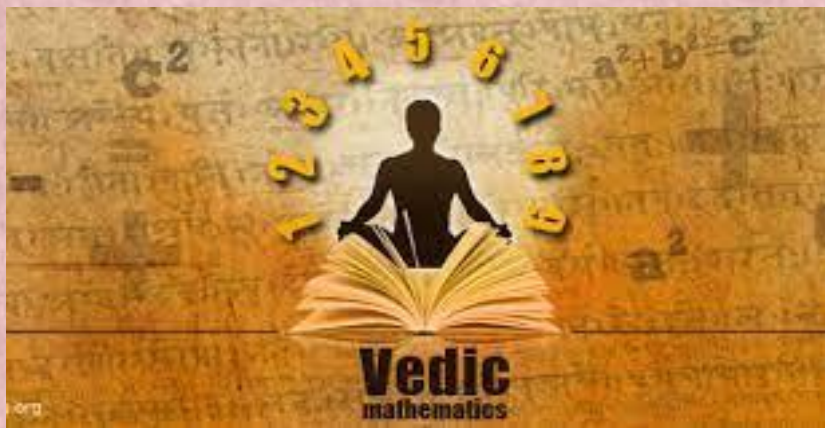




THE BISHOP'S CO-ED SCHOOL UNDRI

REPORT ON VEDIC MATH SESSION CONDUCTED FOR THE STUDENTS



The Bishop's Co-Ed School, Undri, organized Vedic Math session for the children of the Middle and Senior school for the academic year 2022-23 to provide a supportive environment for the students interested in learning Vedic Math, under the guidance of Mrs. Abhilasha Rane. Vedic Math is a collection of methods to solve numerical computations quickly with less calculations. Mrs. Abhilasha Rane has completed her M.Sc. in Mathematics and has also completed her B.Ed. She has been teaching Vedic Math for the past 20 years.

The first session was conducted on 25th August 2022, through the online medium via zoom sessions. Till 16th November 2022, 14 classes of Vedic Math have been conducted for the students. 26 students from the Middle and Senior School have enrolled for the Vedic Math class. The sessions are conducted usually on Fridays and Saturdays in the evening at 4pm.

Mrs. Abhilasha Rane teaches the students, techniques, and tricks that they could employ to make their calculations faster and accurate, whether it is

finding the cube root or multiplication of big numbers. She gives various examples and in hand practice to the students to grasp the tricks spontaneously. After every session, Mrs. Rane gives sufficient homework in the form of worksheets for practice. The students enjoy the techniques of fast calculations and actively participate in the class with zeal and enthusiasm. As per the feedback from students, the techniques taught during the lecture has helped the students to do their calculations quickly and accurately.

There are many sessions left, and we hope that the students will benefit greatly from the sessions in their academics as well as for various competitive exams.

Multiplication of any number by 99, 999, 9999 ---- (Type 1, 2)

01] 17 x 99	02] 49 x 99	03] 63 x 99	04] 11 x 99	05] 34 x 99
06] 27 x 999	07] 421 x 999	08] 367 x 999	09] 841 x 999	10] 998 x 999
11] 1256 x 9999	12] 7025 x 9999	13] 8249 x 9999	14] 6750 x 9999	15] 4060 x 9999
16] 75102 x 99999	17] 16098 x 99999	18] 10589 x 99999	19] 37046 x 99999	20] 11111 x 99999
21] 12 x 99	22] 33 x 99	23] 44 x 99	24] 55 x 99	25] 66 x 99
26] 77 x 99	27] 473 x 99999	28] 69 x 99999	29] 5396 x 99999	30] 121 x 99999
31] 135 x 999	32] 4.06 x 9999	33] 0.43 x 9999	34] 0.5863 x 99999	35] 0.0031 x 99999
36] 77 x 99	37] 88 x 99	38] 99 x 99	39] 423.86 x 999999	40] 204.96 x 99999
41] 2.526 x 99999	42] 71235 x 99999	43] 3654 x 99999	44] 8.75 x 9.99	45] 0.0772 x 99.9
46] 2.84 x 99999	47] 1234 x 9999	48] 123 x 999	49] 12 x 999	50] 123 x 99999

Handwritten calculation:
$$\begin{array}{r} 27 \\ \times 99 \\ \hline 2673 \\ = 2673 \end{array}$$

Abhilasha Rane's Screen

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Multiplication of any number by 11 (Multiply the given numbers by 11 using vedic method)

2.0 x

(Mrs. Abhilasha Rane conducting the zoom session)



REPORT BY: Ms. Liji Joy