

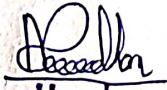
**TATKARE CHARITABLE TRUSTS,
DR.S.N.D. ARTS, COMMERCE & SCIENCE COLLEGE,
GOVE-KOLAD, ROHA-RAIGAD
ACADEMIC YEAR 2021-2022**

Date:- 21/07/2021

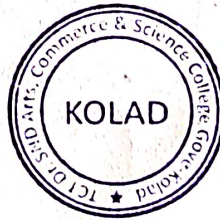
DEPARTMENT OF COMMERCE

"NOTICE"

All F.Y/S.Y/T.Y BA,B.Com,B.Sc student's hereby inform you that our college has been implementing a short term course on Basics in Accountancy, and Basics in Vedic Mathematics .The courses would be implemented and displayed on notice board . kindly see the notice board and contact for the registration for Asst.Prof. Pradhan Madam.


Head

Department Of Commerce




PRINCIPAL

**TCT Dr. Shree. Nanasaheb Dharmadhikari
Arts, Commerce & Science College Gove-Kolad
Tal. Roha, Dist. Raigad.**

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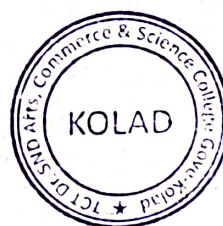
SYLLABUS

BASICS IN Vedic Mathematics

SR.NO.	CONTENTS DURATION :- 15 HRS
1	Addition and subtraction
2	Vedic maths History
3	Square of a numbers with ends with 5.
4	Multiplication tricks for Two 2- digit no.
5	Multiplication of numbers whose last fig. add up 9.
6	Easy subtraction by Vedic sutra
7	Multiplication by 9's
8	Numerical and Algebraic Expressions
9	Ratios and Rates
10	Statistical Analysis
11	Vinculum numbers/ Vinculum process.
12	Nikhilamnavatasscaramamdastah
	UrdhvaTiryakbhyam(Vertically and crosswise)


Head

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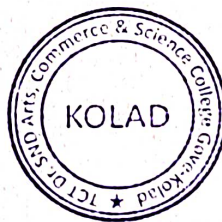
Department of Commerce
Course Name
Sub – VEDIC MATHEMATICS

TIME TABLE

CLASS– B.Com/B.Sc

DATE - 23/07/2021 TO 02/08/2021

DAYS	TIME
MONDAY	1:30PM TO 2:30PM
TUESDAY	1:30PM TO 2:30PM
WEDNESDAY	1:30PM TO 2:30PM
THURSDAY	1:30PM TO 2:30PM
FRIDAY	1:30PM TO 2:30PM
SATURDAY	1:30PM TO 2:30PM



PRINCIPAL

TCT Dr. Shree. Nanasaheb Dharmadhikari
Arts, Commerce & Science College Gove-Kolad
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Tatkare Charitable Trust's
Dr. Shree Nanasaheb Dharmadhikari
Arts, Commerce & Science College, Gove-Kolad
BASICS IN VEDIC MATHEMATICS

Class: B.Com/ B.Sc.
Date: 03/08/2021

Marks: 50
Duration: 1 Hr.

- Note:** 1. All questions are compulsory
2. Black Pen is compulsory.
3. Each Question carries 2 marks.
4. Calculator not allowed.

1. There are types of sutras (formulas) in vedic maths.
a) 6 b) 10 c) 16 d) 14
2. Vedic Mathematics is a book written by the Indian monk
a) Swami Bharti Krishna Tirtha b) Swami Ramanand Tirtha
c) Swami Chakradhar d) Swami Tirthankar
3. The square of number 95^2 is
a) 9025 b) 9052 c) 9502 d) 5902
4. Multiplication of 83×87
a) 2217 b) 7221 c) 2127 d) 1722
5. If the multiplication of numbers whose last figures are same as $27 \times 87 =$
a) 2349 b) 9432 c) 4329 d) 2943
6. Subtraction by vedic sutra $1000 - 217 =$
a) 783 b) 387 c) 738 d) 837
7. In Vedic Sutras Addition is commutative $2 + 9 =$ $+ 2 = 11$
a) 2 b) 9 c) 8 d) 7
8. In vedic sutras Addition is Associative $(2+9) + 5 = 2 + (9+....) + 16$
a) 5 b) 2 c) 9 d) 11
9. Subtracted 875 from 100000 Ans. =
a) 99125 b) 12599 c) 92519 d) 51299
10. Division method 21519 gives Q =, R =
a) Q = 23, R = 8 b) Q = 8, R = 16 c) Q = 15, R = 5 d) Q = 16, R = 8
11. In Vinculum process $23\bar{4}5 = 2000 + 300 + 40 - 5 =$
a) 2335 b) 3352 c) 53352 d) 5332
12. Subtraction using vinculum the numbers are $783 - 348 = 4\bar{4}5 = ?$
a) 435 b) 425 c) 415 d) 410
13. Multiplication of numbers less than power of 10 $94 \times 96 =$
a) 9024 b) 2409 c) 4092 d) 9042
14. Multiplication of numbers greater than power of 10 $103 \times 108 =$
a) 11124 b) 24111 c) 42111 d) 12114

(P. T. O.)

15. Multiplication of two 3 digit numbers $145 \times 373 = \dots\dots\dots$
 a) 54085 b) 85054 c) 50854 d) 40558
16. Nikhalam sutra in Division $12 \div 9 = Q = \dots\dots\dots$, $R = \dots\dots\dots$
 a) $Q = 1, R = 3$ b) $Q = 2, R = 1$ c) $Q = 4, R = 1$ d) $Q = 3, R = 1$
17. Paravartya sutra can be applied for division of $6534 \div 123 = Q = \dots\dots\dots$, $R = \dots\dots\dots$
 a) $Q = 53, R = 15$ b) $Q = 15, R = 53$ c) $Q = 35, R = 51$ d) $Q = 25, R = 10$
18. Ekadhikena purvena sutra find the square of $195^2 = ?$
 a) 38025 b) 80253 c) 40254 d) 80253
19. Yavadunam sutra is used to find cube of $103^3 = \dots\dots\dots$
 a) 9210727 b) 1092727 c) 2727109 d) 2772109
20. Th book Vedic mathematics was first published in
 a) 1965 b) 1963 c) 1960 d) 1961
21. Find out the square number $995^2 = \dots\dots\dots$
 a) 990025 b) 250099 c) 50299 d) 20995
22. Multiplication of the numbers $983 \times 987 = \dots\dots\dots$
 a) 970221 b) 221097 c) 109722 d) 972210
23. Multiplication by 9's sutra $649 \times 999 = \dots\dots\dots$
 a) 649351 b) 486351 c) 864351 d) 835164
24. Addition is commutative $23 + 61 = 61 + \dots\dots\dots = 84$
 a) 84 b) 23 c) 61 d) 35
25. Addition of Associative $(4 + 15) + 7 = 4 + (\dots\dots\dots + 7) = 26$
 a) 15 b) 7 c) 26 d) 8



Dr. S. Lee A. M. D. Tharvadikari

Arts, Commerce & Science College

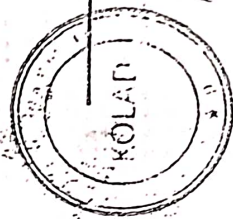
Certificate of Appreciation

to Mr/Miss MARIA DIK NIELSEN
has earned this certificate for
outstanding performance in VEDIC MATH
and secured — position for his work.

James Ham

Head of Department

date 03/08/2021



Princip

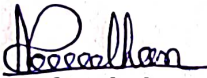
Dr. S. S. Pandey, M. A., D. Litt., D. Sc.,
 Arts, Commerce & Science College, Gwalior
 Tal. Khibra, Dist. Nagda.

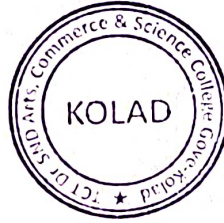
**TCT'S Dr. Shree Nanasaheb Dharmadhikari Art's , Commerce And
Science College Gove-Kolad.(2021-22)**

**A Report on the short term course on Basics in Vedic Mathematics and Basics
in Mathematics**

Department of Commerce organized ,The short term course which was conducted from 23/07/2021 to March 02/08/2021. Basics in Vedic Mathematics .The course began at 11:30 A.M. By the Dr.Munde S.S. Principal of Dr. Shree Nanasaheb Dharmadhikari Art's , Commerce And Science College Gove-Kolad.

All the 11 Days sessions was conducted by Asst.Prof. NehalPradhan(Course Coordinator) who spoke on the importance of Basics knowledge in Accountancy and Vedic Mathematics for the Competitive examination as well as interviews. All sessions are distributed as per syllabus / content. The Purpose of participation of students to be encourage in activities and logical Math. The session ended with the participants receiving certificates.


(Asst.Prof. Nehal Pradhan)
Course Coordinator




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