

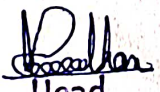
TATKARE CHARITABLE TRUSTS,
DR. SHREE NANASAHEB DHARMADHIKARI
ART'S, COMMERCE AND SCIENCE COLLEGE
GOVE-KOLAD
ACADEMIC YEAR 2023-24
DEPARTMENT OF COMMERCE

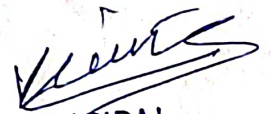
SHORT TERM COURSE

Date:- 18/09/2023

Notice

All F.Y/S.Y.-B.Com, B.Sc Student's inform you that our college has been implementing a short term course on Basic In Vedic Mathematics, The course would be implemented and displayed on notice board. Kindly see the notice board and contact for the registration to Asst.Prof. Pradhan Madam.


Head
Department of Commerce


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

**TATKARE CHARITABLE TRUSTS,
DR.S.N.D. ARTS, COMMERCE & SCIENCE COLLEGE,
GOVE-KOLAD, ROHA-RAIGAD
ACADEMIC YEAR 2023-2024**

Department of Commerce

**Course Name
BASICS IN VEDIC MATHEMATICS**


TIME TABLE

CLASS – B.Com/B.Sc

DATE - 25/09/2023 TO 10/10/2023

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


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ACADEMIC YEAR 2023-2024**

‘BASICS IN VEDIC MATHEMATICS’

SYLLABUS

SR.NO.	CONTENTS
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	Nikhilam navatasscaramam dastah Urdhva Tiryakbhyam(Vertically and crosswise)

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

Class: B.Com/B.Sc.
 Date: 07/08/2023

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 $2345 = 2000 + 300 + 40 - 5 =$
 a) 2335 b) 3352 c) 53352 d) 5332
12. Subtraction using vinculum the numbers are $783 - 348 = 445 = ?$
 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
15. Multiplication of two 3 digit numbers $145 \times 373 =$
 a) 54085 b) 85054 c) 50854 d) 40558
16. Nikhalam sutra in Division $12 \div 9 = Q =$, $R =$
 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 $6534 \div 123 = Q =$, $R =$
 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 $103^3 =$
 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 $995^2 =$
 a) 990025 b) 250099 c) 50299 d) 20995
22. Multiplication of the numbers $983 \times 987 =$
 a) 970221 b) 221097 c) 109722 d) 972210
23. Multiplication by 9's sutra $649 \times 999 =$
 a) 649351 b) 486351 c) 864351 d) 835164
24. Addition is commutative $23 + 61 = 61 +$ = 84
 a) 84 b) 23 c) 61 d) 35
25. Addition of Associative $(4 + 15) + 7 = 4 + ($ $+ 7) = 26$
 a) 15 b) 7 c) 26 d) 8



TATKARE CHARITABLE TRUST
DR.SHREE.NANASAHEB DHARMADHIKARI
ARTS,COMMERCE & SCIENCE COLLEGE GOVE KOLAD.

CERTIFICATE

This is to Certify That

Has Successfully Completed the

Short Term Course

“BASICS IN VEDIC MATHEMATICS”

From 25/09/2023 to 10/10/2023

Organised by Department of Commerce

TEACHER-IN-CHARGE

H.O.D.

PRINCIPAL

DATE: _____

TCT'S
Dr. Shree Nanasaheb Dharmadhikari Art's , Commerce And Science
College Gove-Kolad.

(2023-24)

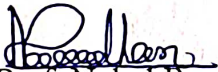
Report on the short term course on "Basics in Vedic Mathematics"

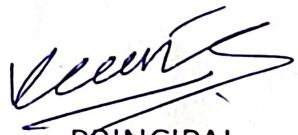
Department of Commerce organized ,The short term course which was conducted from 25/09/2023 to 10/10/2023.Basics in vedic Mathematics. The course began with the inaugural function at 11:30 A.M. By the Dr.Deshmukh V.V. Principal of Dr. Shree Nanasaheb Dharmadhikari Art's , Commerce And Science College Gove-Kolad.

This short term course was beneficial for our students to have knowledge on "**Basics in Vedic Mathematics** . So it will further helpful for there future goals. We realized the need for such a knowledge for the students upcoming future.

Basics in Mathematics, So it was proposed that a short term courses for the students to realized the need for such a course for good reasons.

All the Days sessions were conducted by Asst.Prof. Nehal Pradhan (Course Coordinator) who spoke on the importance of Basics knowledge in Vedic Mathematics for the Competitive examination as well as interviews. All sessions are distributed as per syllabus / content. The Purpose behind this term for students to be encourage in activities and logical Math. The session ended giving participants certificates by the hands of Dr.Deshmukh V.V.


(Asst.Prof. Nehal Pradhan)
Course Coordinator


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