SRI CHITTEM NARSI REDDY MEMORIAL DFEGREE COLLEGE

NARAYANPET

AFFLIATED TO PALAMURU UNIVERSITY

MAHABUB NAGAR

DEPARTMENT OF MATHEMATICS

CERTIFICATE COURSE IN

VEDIC MATHEMATICS

NAME OF THE COURSE CONVINOR: G. RANGA REDDY

NAME OF THE RESOURCE PERSON : B. KRISHNA REDDY

SRI CHITTEM NARSI REDDY MEMORIAL GOVT DEGREE COLLEGE
NARAYAN PET-509210

COAURSE DURATION :: 30 DAYS

(15-02-2021 TO 15-03-2021)

DEPARTMENT OF MATHEMATICS

MINUTES OF MEETING

Date: 10-2-2021

All the members of Department MATHEMATICS assembled in the department on 15-02-2021 and resolved to start a certificate course title " VEDIC MATHEMATICS" . The duration of the course is fixed as 30 days from

15 -02-2021 to 15-03-2021 . it also decided to take permission to start the course from the principal.

1. G. RANGA REDDY – HOD.
2. B. KRISHNA REDDY – course coordinator.

PRINCIPAL

SRI CHITTEM NARSI REDDY MEMORIAL GOVT DEGREE COLLEGE
NARAYAN PET-509210

CIRCULAR

Date: 10-2-2021

All the students are hereby informed that the Department of MATHEMATICS is going to commence a certificate course in 'VEDIC MATHEMATICS' in the 15th feb 2021 in the afternoon session i.e. from 4 pm to 5 pm duration of the course one month only.

Further details for contact

G. RANGA REDDY , lecturer in Mathematics,

B. KRISHNA REDDY, lecturer in mathematics.

Head of the Department   PRINCIPAL

SRI CHITTEM NARSI REDDY MEMORIAL DEGREE COLLEGE

NARAYANPET 509210

CERTIFICATE COURSE

ON

VEDIC MATHEMATICS

UNIT 1:: VEDIC ALGEBRA1

SIMPLE EQUATIONS(FIRST PRINCIPLES) , SIMPLE EQUATIONS(BY SUTRA SUNYAM), MERGER TYPE OF EASY SIMPLE EQUATIONS(BY PARAVARTYA), MISCELLANOUS SIMPLE QUATIONS

UNIT 2::V EDC ALGRA 2

SIMULTANEOUS SIMPLE QUATIONS, MULTIPLE SIMULTANEOUS EQUATIONS, QUADRATIC EQUATIONS, SIMULTANEOUS QUADRATIC EQUATION, CUBIC EQUATIONS, BI QUADRATIC EQUATION

PRINCIPAL

SCNM GOVT.DEGREE COLLEGE,NARAYANPET
Certicate Course On Vedic Mathematics (vedic Algebra)
<u>Question Paper</u>

Time:2hrs

Max Marks:50Marks

<u>Answer The Following Any 10 Quations:</u>

1. Solve the equation $9x+5x=6x+7x$ by Sutra sunyam.
2. Solve the equation $6(x+2)=5(x+2)$.
3. Solve the equation $(x+5)(x+4)=(x+10)(x+2)$.
4. Solve $2/3x-2 + 2/4x-3=0$.
5. Solve the simultaneous equation $5x-3y=11$
$$7x-5y=9.$$

6. Solve the multiple simultaneous equatoin $x+y-Z=0$
   (using lopana sthapana method) $4x-5y+2z=0$
   $$3x+2y+z=20.$$

7. Solve the equation $2x+4y-3z=0$.
   $$6x-10y+2z=0 \text{ (using paravartya method)}$$
   $$4x+3y+z=9.$$

8. Solve $x^2+11x+10=0$.
9. Solve $x+1/x=10/3$.
10. Solve $x-1/x-2+ x-2/x-1=37/6$.
11. Solve the equation : if $x+y=7$ and $xy=12$.
12. Applying vilokanam method, Solve the equation: $x+y=3$
    $$x^2-2y^2=17.$$

13. Solve $x^3-9x^2+26x-24=0$.
14. Solve $x+8=3x+2$.
15. Find the value of x if $1/4x-1 + 1/3x-1=0$.

========= **THE END** =========