Unit-1

High Speed Addition and Substruction:

- History of Vedic Muths and its Features

- Vedic Muths formulae; Sutras and Upsatrus

- Addition in Vedic Muths - without Carrying,

- Dot Method

- Substruction in Vedic Muths - Nikhilam

Navatash Caramam Dashatah

	The state of the s
_	Simplicity: This is the unique
	features of vedic maths. It
-	Saves your time and
	Increuses your productivity
	Creativity: Many methods
	Apply on a single guestion.
	Its inspire you to encourage
	your mind to find your
-	unique approuch to solve
-	the problem.
•	Fast learning : In Modern
<u> </u>	Mathematics System Student
	learn whole mothematical
	Operation in almost 10 to 12
	yeurs besides of vedic muthemutic
	tricks can be gained by the
-	
-	Same student in 6 or 9 months
-	(Dith atmost accountly and
-	Fast regult.
	Algebric Commection: one
-	advantage of the redic mathematics
	is if you become good in the
	withmetic culculation and master
	on it, the whole technique is uso
	applicable to the Algebraic Problem
	7 11gr D-41C. P-1000 172
	Typovation: It gave chance to
	add creativity and innovation
	in molem mathematics.
•	Fast and Accurate Result:
	Most of the problem solved in mind with
	a single step which sweetime and less !
	number of phase also increases the accuracy

- History of Vedic Maths

Vedic Muth comes from the vedas, more specifically the Athania veda. It was revived by Indian mathematician Tagadgraru Shri Bharati Krishna Tirthaji between 1884 and 1960. He then Published this work in a book called vedic Mathematics in 1965. It comprises 16 sutras (formulae) and 13 Subjutras.

= Meaning of Vedic Muthematics:

- The word Vedic Muthematics means Vedic + Muthematics. where Vedic means knowledge and wisdom and Muthematics means the Abstract science of numbers. Thus it represents the knowledge of mathematics. It was used by Indian Scients and Sages. (Rishis).
- It is an ancient technique, which simplifies multiplications divisibility, complex number, squaring, cubing, squarerest and cube roots etc.
- The original copy of Vedic Mathematics axis kept in a library of Hagpur. Many of the corks were either destroyed or Stolen by British Rulers.

Features of Vedic Maths:

• Integrity: Learning becomes easy because of the integrity of the redic mathematics subject. Every sutra and sub-sutra is carelated and uniform. One rule may be applied in different operation

\Rightarrow	what is Vedic nuthernatics?
	16 Sub-911 10 Julie 1911
	Vedic Mathematics is a collection of
	Techniques sutrus to solve mathematical
	conithmetics in easy and faster way (anickly staster)
	Vedic nuthermatics is a System of Mathematics
	Cohich axis discovered by Indian Mathematician
	Jagadanne Sri Bharati Krishna Tirthaji
	in the Period between A.D. 1911 and 1918
	and Published his findings in a Vedic
	Mathematics Books by Tirthaji Maharaj.
1177	Lift some and and the
	Advantages of Vedic nuthematics:
	Vedic Mathematics com definitely solve mathematical
	numerical culculations in faster way. some vedic
	Moths scholars mentioned that Using redic
31137	Muths touch. tricks Jou can do culculations
	10-15 times faster than our usual methods. I
¥	agale this to some extent because some methods
	in vedic mathematics are really very fast. But
	Some of these methods are dependent on the
2 -	specific numbers cohich are to be calculated
	They are called specific methods is use everything
	Ecomple:
	Division short cut in vedic Mathematics:
	1/19 is a rational number which forms a recurring
	decimal number and which recurs in the sequence
	after every 18 digits.
	Using Etadhikena Provena Sutra of vedic Mathematics.
	Using Ekadhikena Turvena Sulta of vear randinances

time.	
	Sutras and Sub-Sutras:
16-sutres	
(i	beniceron your - By one more than the one
- Campura	Previous Before
(2	All form 9 and last
	Golden oursers Gend: - All From 9 and last
(3	38cl-Riessense - Verticouly and acrossosse
*1 18 W. 32	
E.	usiciel sinder Transpose and adjust
<u>G</u>	the for multiplication transpose and adjust
R	शून्य काम्य कामु ट्यारा -
	the for solving of when "Sum is same, that sum to zero.
	Similtrenews linear eams, to zero.
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6	Hozorel ajore Horni - If one is in now, the
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(10)	Circlestation + contestation - 100
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	Remainders by last digit
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	the Pennitimute
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(14)	Genorgolot your - By one less than Porevious one
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	of the fuctionization The Product of the sum is canal
	to Sum of Product
	Machanatrial:
	Stands Factors of the Sum is equal to Sum of
	greatacitic ears
13-9	ubsutras
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2	Remainder Remainder
	बिष्टात कीपस्त्र - Remainder Remains Constant
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1/21	What The Dhings











