SRI VASAVI ENGINEERING COLLEGE
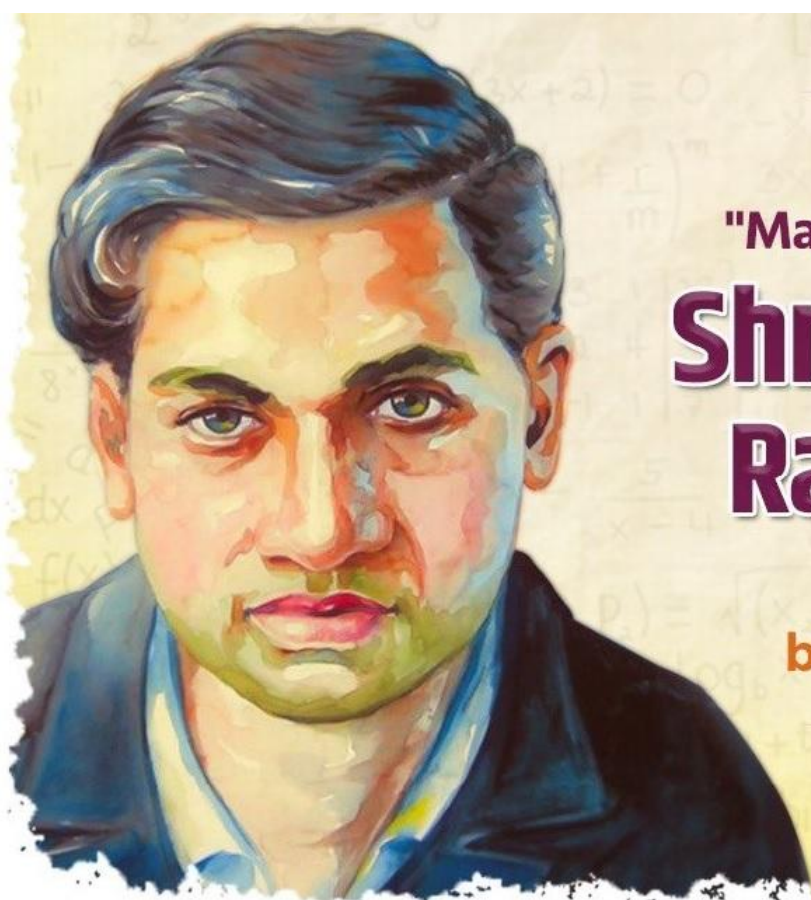## (Sponsored by Sri Vasavi Educational society)
(Approved by AICTE, New Delhi & permanently affiliated to JNTUK, Kakinada)

NATIONAL MATHEMATICS DAY -2012

Tribute to the "Mathematical Genius" Shri Srinivasa Ramanujan on his birth anniversary.

Department
of
Basic Science and Humanities

National Mathematics Day-2012

National Mathematics Day is observed on December 22 in India. The day commemorates the birth anniversary of legendary Indian Mathematician Srinivasa Ramanujan. National Mathematics Day is celebrated in India to emphasise the importance of mathematics and honour Ramanujan.

National Mathematics Day was observed for the first time on December 22, 2012, the 125th birth anniversary of Ramanujan. The Prime Minister Manmohan Singh announced that December 22 would be observed as National Mathematics Day every year. As a tribute to Ramanujan's mathematics contributions, 2012 was celebrated as National Mathematics Year.

Basic Science and Humanities celebrated National Mathematics Day on 22-12-2012 by conducting offline Ramanujan's Talent Test on 21-12-2012 at 3.20 PM at old canteen (Beside Engineering workshop) for B.Tech first year students of Sri Vasavi Engineering college, 146 students had written this test.

 The Department conveyed a program regarding this occasion on 22-12-2012 at 3.00 PM in the Seminar Hall, BSH Block. In this program the greatness of the Legendary Mathematician Srinivasa Ramanujan Iyengar is narrated by the students.

The president, Secretary, Principal, all Heads of the departments and faculty graced the occasion and addressed the students on the importance of Mathematics.

In this connection, winners of the talent test were given prizes and certificates by the guests. The top 30 students of the talent test were given certificates.

Winners in the Talent Test

S.No	Roll Number	Name of the Student	Branch	Position
1	12A81A0311	Guda Venkata Subrahmanya Vatsava	ME-A	1
2	12A81A05A2	Nimmala Tejasri Bhavya Santhosi Saranya	CSE-B	2
3	12A81A0376	Emmadisetti Venkata Satya Narayana	ME-B	3

Date : 21-12-2012

RAMANUJAN'S TALENT TEST -2012 RESULTS

The following students are selected as top 30 talented

Participants in Ramanujan's talent test.

- ECE-A: 12A81A0409, 412, 425, 427, 428

  ECE-B: 12A81A0462,481,485,488,491,494,4B0

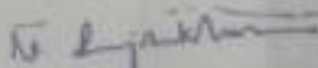 ME-A: 12A81A0311,313,345,357

  ME-B : 12A81A0376,385

  CSE-A: 12A81A0511, 513

  CSE-B: 12A81A0577,584,5A2, 5B2,5B6

- EEE-A: 12A81A0201,250

  IT   : 12A81A1216,1221,1224

Note: Prize distribution will be at 11:10 am and first, second and third
Place will be announced at that moment.

Head of the Department
(Basic Sciences and Humanities)

Date : 20-12-2012

Circular for 1ST Year B.Tech Students

In recognition of Ramanujan's (1887-1920) contribution to Mathematics, the Govt. of India has decided to celebrate **RAMANUJAN'S BIRTHDAY (22nd Dec)** as the National Mathematics Day and declared 2012 as **NATIONAL MATHEMATICS YEAR.** On account of this occasion "A RAMANUJAN'S TALENT TEST" will be conducted on **21st Dec 2012 at 2.00pm** in our College. Interested candidates can give their names to

1. Sri M. Suneel , Asst.Prof. Mathematics, BSH Dept.

2. Sri M. Suresh Babu, Asst.Prof. Mathematics, BSH Dept.   by 4.10 pm today

Prizes will be distributed to winners on 22nd Dec 2012 (National Mathematics Day)

The test involves multiple choice questions on the following

1. Historical events and persons related to mathematics in India

2. Simple Problems involving elementary ideas in mathematics

Head of the Department

(Basic Sciences and Humanities)

Copy to:

The Secretary & Correspondent for favour of Information
Principal of Pharmacy for favour of Information
All HOD's to circulate among their staff
ALL Notice Boards,
Library, T&P Cell,
Exam. Section,
PD,
Office, Circular File
Bus In-Charge

SRI VASAVI ENGINEERING COLLEGE
Pedatadepalli, TADEPALLIGUDE
BASIC SCIENCES AND HUMANITIES DEPARTMENT

Date: 21-12-2012

RAMANUJAN'S TALENT TEST – 2012

1. No of numbers between 1 to 100 which are divisible by 2 or 3 ?   (   )

    (1) 82   (2) 98   (3) 66   (4) 67

2. When a number is divided by 36 it leaves reminder of 19 what will be the remainder when the same number is divided by 12 ?   (   )

    (1) 4   (2) 5   (3) 6   (4) 7

3. A can run around a circular track in 40sec, B running in the opposite direction meets A every 15 sec. what is B's time to run around the track?   (   )

    (1) 20 Sec   (2) 24 Sec   (3) 32 Sec   (4) 40 Sec

4. The ratio of land to water on the whole of the earth is 1:2 and it is 2:3 on the northern hemisphere, then the ratio of land to water on southern hemisphere is ?   (•)

    (1) 11:4   (2) 4:11   (3) 15:4   (4) 4:15

5. The pages a news paper were lying jumbled up, on keeping them in order page no. 17 was missing and last page was numbered as 28. What other pages necessarily missing ?   (·)

    (1) 9,10,18   (2) 13,14,18   (3) 11,12,18   (4) 8,9,18

6. At the end of a business conference 10 people present all shake hands which each other once .How many handshakes will be there all together ?   (   )

    (1) 45   (2) 50   (3) 55   (4) 90

7. Consider the following multiplication in decimal notation

    abcX999 = def 132

    where abc is a three – digit number and def 132 is a six digit number. Then find the value of a+b+c+d+d+e+f   (   )

    (1) 41   (2) 42   (3) 43   (4) 44

8. There are deer and peacocks in zoo. By counting heads they are 80. The number of their legs is 200. How many peacocks are there ?   ( )

   (1) 20   (2) 30   (3) 50   (4) 60

9. Fresh fruit contains 72% water and Dry fruit contains 20% water. How much dry fruit can be obtained from 100 kgs of fresh fruit ?   ( ) .

   (1) 32 Kgs   (2) 35 Kgs   (3) 36 Kgs   (4) 40 Kgs

10. Find the number of divisors of 3600 excluding one and itself ?   ( )

   (1) 44   (2) 45   (3) 47   (4) 43

11. What is the remainder when 5^{68} is divided by 8 ?

   (1) 1   (2) 3   (3) 4   (4) 5

12. When observed in a mirror if the time is 8:20, then what is the actual time ?   ( )

   (1) 4:40   (2) 3:40   (3) 2:40   (4) 4:20

13. Find the total number of squares that can observed in a 8X8 chess board ?   ( )

   (1) 64   (2) 512   (3) 204   (4) 216

14. The total number of digits used in numbering the pages of a book having 366 pages is?   ( )

   (1) 732   (2) 990   (3) 1098   (4) 1305

15. What is Ramanujan's number ?   ( ).

   (1) 1279   (2) 1972   (3) 1729   (4) 1792

16. I would have been twice as efficient as today then I would have finished a work in 12 days. If my efficiency is reduced to 1/3 of what it is present, then in how many days I would be able to finish the work ?   ( )

   (1) 8 days   (2) 24 days   (3) 48 days   (4) 72 days

17. Find the last digit of 13^{96}?   ( )

   (1) 1   (2) 3   (3) 9   (4) 7

18. If 3$5 = 120 and 5$7= 420 then 9$11 = _____ ?   (   )

   (1) 990   (2) 720   (3) 1980   (4) 1190

19. The last day of the Century Can't be   (   )

   (1) Friday   (2) Wednesday   (3) Tuesday   (4) Monday

20. Three different types of marbles of 12 Red, 18 Blue and 24 Green have to be formed in heaps such that each heap has the same number of marbles of same colour , Find the minimum number of heaps that can be formed ?   (   )

   (1) 18   (2) 12   (3) 9   (4) 6

21. International Congress of Mathematicians 2010 was held in   (   )

   (1) Delhi   (2) Mumbai   (3) Hyderabad   (4) Chennai.

22. The Institute of Mathematical Sciences is in   (   )

   (1) Delhi   (2) Bangalore   (3) Chennai   (4)Allahabad.

23. Srinivasa Ramanujan was born in   (   )

   (1) Chennai   (2) Rameswaram   (3) Erode   (4) Kumbhakonam.

24. The Mathematician, who first recognized SrinivasaRamanujan's work is   (   )

   (1) G H Hardy   (2) Littlewood   (3) Euler   (4) Cauchy.

25. The book titled The Man Who Knew Infinity was written by   (   )

   (1) Prof Robert Kanigel   (2)Prof G H Hardy   (3) Prof Littlewood   (4) Abdul Kalam.

******

Sri Vasavi Engineering College

Pedatadepalli, Tadepalligudem - 534101

Certificate of Appreciation
Srinivasa Ramanujan Talent Test

This is to certify that Mr. / Ms. _____

_____ of _____ secured _____ position in

Ramanujan Talent Test held on National Mathematics Day (22nd December) in

commemoration of Sri Srinivasa Ramanujan Iyengar's 125th Birthday.

Head of the Department
Basic Sciences & Humanities

Principal

Thank you