

National Quiz Competition in Mathematics

Brought to you by

Department of Mathematics, V. P. College, Vaijapur, Dist. Aurangabad (MS)

On the occasion of National Mathematics Day 2023

Date: 22 December 2023

Points: 90/100

Time: 59:28

Your full name in capital letters (It will be printed on the certificate) *

SUJATA RAJENDRA WADHEKAR

Your College/Institution Name *

Vinayak Rao Patil Mahavidyalaya Vaijapur

The class in which you are studying *

Bsc TY

Your Email *

sujatawadhekar@gmail.com

Your WhatsApp mobile number *

8421874209

Your birthdate *

01/06/2002



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On the occasion of National Mathematics Day 2023

✓ **Correct** 1/1 Points

When is National Mathematical Day Celebrated?

- 19 December
- 20 December
- 21 December
- 22 December

✓ **Correct** 1/1 Points

National Mathematics day is celebrated in honor of which mathematician?

- Euclid
- Aristotle
- Pythagoras
- Srinivasa Ramanujan

✓ **Correct** 2/2 Points

Who is known as the mother of Genius mathematician Srinivas Ramanujan?

- Abhilasha
- Komalatammal
- Bindiya
- Chakori

✓ **Correct** 2/2 Points

What is 1000 in Roman Numerals ?

- M
- V
- C
- D

✓ **Correct** 2/2 Points

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An Angle that measures less than 90 degrees is called ?

Obtuse angle

Right angle

Acute angles

Reflex angle

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Who was the first person to calculate pi?

Euclid

Einstein

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Pythagoras

✓ **Correct** 2/2 Points

What is the value of Pi?

3.14159

3.14358

3.14258

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In which date Indian prime minister announces national mathematics day?

26 Feb 2012

26 Feb 2010

26 Feb 2008

26 Feb 2013

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National Mathematics Day was announced on which anniversary of the birth of Indian mathematical genius Srinivasa Ramanujan?

100th

125th

150th

200th

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When was genius Srinivasa Ramanujan born in tamilnadu?

22 Dec. 1886

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The 2012 Indian stamp dedicated to the National Mathematics Day and featuring _____.

Indian post

Trigonometry

S. Ramanujan

C. V. Raman

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When was national mathematics day first celebrated?

- 2005
- 2008
- 2010
- 2012

✓ **Correct** 2/2 Points

Which is the smallest Natural Number?

- 1
- 0
- 2
- 1

✓ **Correct** 2/2 Points

Where is Ramanujan Math Park Located?

- Andhra Pradesh
- Rajasthan
- Madhya Pradesh

Gujrat

✓ **Correct** 2/2 Points

What is the seventh digit of pi?

2

7

4

5

✓ **Correct** 2/2 Points

What is pi a ratio of?

A circle's circumference to its diameter

A circle's area to its circumference

A square's area to its side length

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When was Ramanujan Math Park Inaugurated?

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What is the twentieth digit of pi?

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Pi is a letter in which alphabet?

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Srinivasa Ramanujan is the founder of?

- Indian Mathematical Society
- International Mathematical Society
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What famous mathematician was born on Pi Day?

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One Rupees

Five Rupees

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- Narendra Modi
- Jawaharlal Nehru
- Manmohan Singh
- Indira Gandhi

✗ **Incorrect** 0/2 Points

Which mathematician normalized the use of the Greek Letter π as the notation for pi?

- Euler
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- Euclid

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The _____ structure of the honeycomb has been shown by scientists and mathematicians as the most

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- hexagonal structure
- triangular structure
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What is the thirty-fifth digit of pi?

- 2
- 9
- 8
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The development of digital electronics and all general purpose modern computers have been made possible because of a branch of mathematics called _____.

- Calculus
- Number theory

- Boolean algebra
- Numerical analysis

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How many digits of pi are needed to perform all calculations in our observable universe with virtually no error?

- 31 trillion
- 158
- 1000
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In our daily life, we use _____ to make decisions when we are unsure about the outcome.

- flow chart
- mode
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When Pi Day is celebrated around the world?

- 14 Feb
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Adding the numbers between 1 to 100 consecutively (1+2+3+4+...) gives you what final answer?

- 5500
- 5000
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Pi algorithm up to 5 correct decimal places was invented by which Chinese mathematician?

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Many branching patterns in nature, for example, trees, ferns, snowflakes, etc can be modelled as _____ which shows patterns that are self similar.

groups

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The most well known MP3 format of audio compression uses _____ to approximate the audio.

- Laplace transform
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Who was the first to use the Greek letter pi (π) to denote the constant?

- Leonhard Euler
- William Jones
- Mayans
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All natural numbers are whole numbers. However, not all whole numbers can be considered natural – True or False?

- True
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At what age did mathematician Ramanujan die?

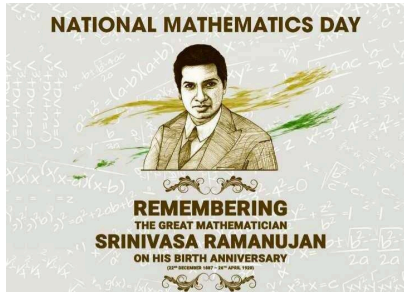
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SANAP KOMAL BABAN

Your College/Institution Name *

Ksk clg beed

The class in which you are studying *

Msc first year

Your Email *

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fractals

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At what age did mathematician Ramanujan die?

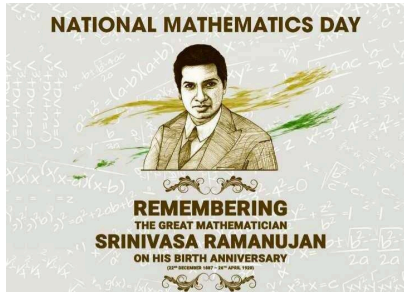
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BADAR SAILY DILIP

Your College/Institution Name *

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The class in which you are studying *

Bsc

Your Email *

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✓ **Correct** 2/2 Points

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- Archimedes
- John Machin's
- Aryabhatta
- None of the above

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- William Jones
- Mayans
- Papyrus

✗ **Incorrect** 0/2 Points

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- True
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✓ **Correct** 2/2 Points

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- Infinite

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- It's irrational
- It's regular
- It's basic

✗ Incorrect 0/2 Points

A soccer is consisted of 12 pentagons and ___ hexagons.

- 32
- 20
- 16
- 24

✗ Incorrect 0/2 Points

At what age did mathematician Ramanujan die?

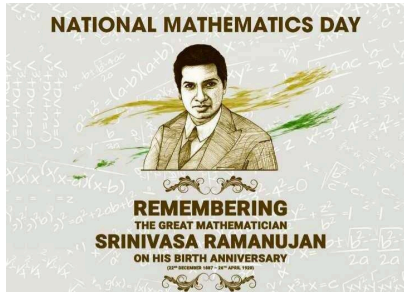
- 33
- 23
- 34



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National Quiz Competition in Mathematics

Brought to you by

Department of Mathematics, V. P. College, Vaijapur, Dist. Aurangabad (MS)

On the occasion of National Mathematics Day 2023

Date: 22 December 2023

Points: 88/100

Time: 29:13

Your full name in capital letters (It will be printed on the certificate) *

ROJMIN KHIJAR ALI SYED

Your College/Institution Name *

Vinayakrao Patil Mahavidyalaya Vaijapur

The class in which you are studying *

B.Sc. first year

Your Email *

syedkhijar2778@gmail.com

Your WhatsApp mobile number *

9766204575

Your birthdate *

10/06/2003



National Quiz Competition on Mathematics

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✓ **Correct** 1/1 Points

When is National Mathematical Day Celebrated?

- 19 December
- 20 December
- 21 December
- 22 December

✓ **Correct** 1/1 Points

National Mathematics day is celebrated in honor of which mathematician?

- Euclid
- Aristotle
- Pythagoras
- Srinivasa Ramanujan

✓ **Correct** 2/2 Points

Who is known as the mother of Genius mathematician Srinivas Ramanujan?

- Abhilasha
- Komalatammal
- Bindiya
- Chakori

✓ **Correct** 2/2 Points

What is 1000 in Roman Numerals ?

- M
- V
- C
- D

✓ **Correct** 2/2 Points

What is 1000 in Roman Numerals ?

- M
- V
- C

D

✓ **Correct** 2/2 Points

An Angle that measures less than 90 degrees is called ?

Obtuse angle

Right angle

Acute angles

Reflex angle

✓ **Correct** 2/2 Points

Who was the first person to calculate pi?

Euclid

Einstein

Archimedes

Pythagoras

✓ **Correct** 2/2 Points

What is the value of Pi?

3.14159

3.14358

3.14258

3.14289

✓ **Correct** 2/2 Points

In which date Indian prime minister announces national mathematics day?

26 Feb 2012

26 Feb 2010

26 Feb 2008

26 Feb 2013

✓ **Correct** 2/2 Points

National Mathematics Day was announced on which anniversary of the birth of Indian mathematical genius Srinivasa Ramanujan?

100th

125th

150th

200th

✓ **Correct** 2/2 Points

When was genius Srinivasa Ramanujan born in tamilnadu?

22 Dec. 1886

22 Dec. 1888

22 Dec. 1887

22 Dec. 1889

✓ **Correct** 2/2 Points

The 2012 Indian stamp dedicated to the National Mathematics Day and featuring _____.

Indian post

Trigonometry

S. Ramanujan

C. V. Raman

✓ **Correct** 2/2 Points

When was national mathematics day first celebrated?

- 2005
- 2008
- 2010
- 2012

✓ **Correct** 2/2 Points

Which is the smallest Natural Number?

- 1
- 0
- 2
- 1

✓ **Correct** 2/2 Points

Where is Ramanujan Math Park Located?

- Andhra Pradesh
- Rajasthan
- Madhya Pradesh

Gujrat

✓ **Correct** 2/2 Points

What is the seventh digit of pi?

2

7

4

5

✓ **Correct** 2/2 Points

What is pi a ratio of?

A circle's circumference to its diameter

A circle's area to its circumference

A square's area to its side length

A circle's radius to its circumference

✓ **Correct** 2/2 Points

When was Ramanujan Math Park Inaugurated?

2010

2012

2016

2017

✗ **Incorrect** 0/2 Points

What is the twentieth digit of pi?

2

4

3

5

✓ **Correct** 2/2 Points

Pi is a letter in which alphabet?

English

Greek

Roman

Hebrew

✓ **Correct** 2/2 Points

What is the father's name of mathematician Srinivas Ramanujan?

- K. Srinivasa Iyengar
- K.R. Srinivasa Iyengar
- K.P. Srinivasa Iyengar
- K.K. Srinivasa Iyengar

✓ **Correct** 2/2 Points

When was the genius mathematician Srinivasa Ramanujan called by British mathematician GH Hardy in London, and after that he started a special work on mathematics?

- In 1913
- In 1897
- In 1899
- In 1891

✓ **Correct** 2/2 Points

Who is known as the “Father of Mathematics” ?

- Euclid
- Aristotle
- Pythagoras
- Archimedes

✓ **Correct** 2/2 Points

Srinivasa Ramanujan is the founder of?

- Indian Mathematical Society
- International Mathematical Society
- Mathematical Association
- International Mathematical Union

✓ **Correct** 2/2 Points

What famous mathematician was born on Pi Day?

- Isaac Newton
- Archimedes

Leonhard Euler

Albert Einstein

✓ **Correct** 2/2 Points

When was the first Pi Day celebrated?

1988

1836

1975

1898

✓ **Correct** 2/2 Points

How many rupees postage stamp was released by Indian Post on National Mathematics Day on Ramanujan's birthday?

One Rupees

Five Rupees

Two Rupees

Ten Rupees

✓ **Correct** 2/2 Points

National Mathematics Day was announced by Prime Minister.....

- Narendra Modi
- Jawaharlal Nehru
- Manmohan Singh
- Indira Gandhi

✓ **Correct** 2/2 Points

Which mathematician normalized the use of the Greek Letter π as the notation for pi?

- Euler
- Archimedes
- Fibonacci
- Euclid

✓ **Correct** 2/2 Points

The _____ structure of the honeycomb has been shown by scientists and mathematicians as the most

optimal structure for bees helping them to save energy and wax.

- hexagonal structure
- triangular structure
- rectangular structure
- pentagonal structure

✓ **Correct** 2/2 Points

What is the thirty-fifth digit of pi?

- 2
- 9
- 8
- 5

✗ **Incorrect** 0/2 Points

The development of digital electronics and all general purpose modern computers have been made possible because of a branch of mathematics called _____.

- Calculus
- Number theory

- Boolean algebra
- Numerical analysis

✓ **Correct** 2/2 Points

How many digits of pi are needed to perform all calculations in our observable universe with virtually no error?

- 31 trillion
- 158
- 1000
- 39

✓ **Correct** 2/2 Points

In our daily life, we use _____ to make decisions when we are unsure about the outcome.

- flow chart
- mode
- mean
- probability

✓ **Correct** 2/2 Points

When Pi Day is celebrated around the world?

- 14 Feb
- 14 March
- 14 April
- 15 March

✓ **Correct** 2/2 Points

An object is thrown into the air. After a while, it falls back to the Earth. The flight path of the object traces what shape?

- ellipse
- parabola
- hyperbola
- circle

✓ **Correct** 2/2 Points

Which of the following statement is correct about Pi?

- It is non-repeating decimal value

- It is non terminating decimal value
- It is repeating and terminating decimal value
- It is non-repeating, non-terminating decimal value

✗ **Incorrect** 0/2 Points

Adding the numbers between 1 to 100 consecutively (1+2+3+4+...) gives you what final answer?

- 5500
- 5000
- 5550
- 5050

✗ **Incorrect** 0/2 Points

Pi algorithm up to 5 correct decimal places was invented by which Chinese mathematician?

- Zu Chongzhi
- Liu Hui's
- Shen kuo

Pan Jianwei

✓ **Correct** 2/2 Points

Many branching patterns in nature, for example, trees, ferns, snowflakes, etc can be modelled as _____ which shows patterns that are self similar.

groups

fractals

sets

groupoids

✓ **Correct** 2/2 Points

Who has calculated the area of a circle by taking the value of Pi equal to 3?

Babylonians

Archimedes

Both A and B

Neither A nor B

✗ **Incorrect** 0/2 Points

The most well known MP3 format of audio compression uses _____ to approximate the audio.

- Laplace transform
- Fourier series
- Fourier transform
- Vector spaces

✗ **Incorrect** 0/2 Points

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