



MUGBERIA GANGADHAR MAHAVIDYALAYA

P.O.—BHUPATINAGAR, Dist.—PURBA MEDINIPUR, PIN.—721425, WEST BENGAL, INDIA

NAAC Re-Accredited B Level Govt. aided College

CPE (Under UGC XII Plan) & NCTE Approved Institutions

DBT Star College Scheme Award Recipient

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Ref. No.—M.G.M. / / /

Date.....

From—The Principal / Secretary,

OBSERVATION OF INTERNATIONAL MATHEMATICS DAY

Organized by
Department of Mathematics
Mugberia Gangadhar Mahavidyalaya

OBSERVATION OF INTERNATIONAL MATHEMATICS DAY

**Organized by
Department of Mathematics
Mugberia Gangadhar Mahavidyalaya**

**Under
DBT star college strengthening scheme, Govt. of India
Event : Quiz Competition**

**prepared by...
Puspendu Sau , Soumyakanti Mandal (PG 4th SEM 2023)**

under the supervision of ...

**Dr. Kalipada Maity
Associate Professor :: Dept of Mathematics
14 March, 2023**

Dept of Mathematics

Q.1. What is the full form of IDM ?

- a) The International Day Mathematics
- b) International Day of Mathematics
- c) Infinite Determinate Magnitude
- d) International Dictionary Management

Dept of Mathematics

Q.2. Which Country invented mathematics?

a) India

b) Greece

c) America

d) Japan

Dept of Mathematics

Q.3. Who is known as Human Computer?

a) Shakuntala Devi

b) David Hilbert

d) Isaac Newton

d) Euclid

Dept of Mathematics

Q.4.How many foots are in a Mile?

a)1264

b)4167

c)2176

d)5280

Dept of Mathematics

Q.5. Which Year the Ramanujan National Park opened?

a) 2004

b) 2020

c) 2017

d) 2009

Dept of Mathematics

Q.6.Name the Scientist Who Was born on P_i Day?

a) Sophus Lie

b) Henri Poincare

c) Albert Einstein

d) Paul Erdoos

Dept of Mathematics

Q.7. Who is the father of mathematics?

a) Karl Pearson

b) Felix Klein

c) Terence Tao

d) Archimedes

Dept of Mathematics

Q.8. What is the full form of UPSC ?

- a) United Public Service Commission
- b) Union Public State Commission
- c) Union Public Service Commission
- d) none of these

Dept of Mathematics

Q.9. The validity of GATE scorecard for admission in a institution is?

(a) *Three years*

(b) *Lifetime*

(c) *one year*

(d) *none of these*

Dept of Mathematics

Q.10. What is the full form of JAM?

- a) Joint Admission test for Masters**
- b) Joint Application Manager**
- c) Joint account for Mutual funds**
- d) none**

Dept of Mathematics

Q.11. The validity of CAT scorecard is

(a) *One year*

(b) *Lifetime*

(b) *Two years*

(d) *Five years*

Dept of Mathematics

Q.12.The Indian Journal of Pure and Applied Mathematics (IJPAM) is published by

a) INSA

b) INSPIRE

c) SERB

d) none of these

Dept of Mathematics

**Q.13. Indira Gandhi Single Girl Child
Scholarship given only girls students pursuing**

a) PG course

b) UG course

c) B.ed

d) All of these

Dept of Mathematics

Q.14. Which IISER is good for Mathematics?

- a) **IISER KOLKATA**
- b) **IISER THIRUVANANTHAPURAM**
- c) **IISER MOHALI**
- d) **IISER TIRUPATI**

Dept of Mathematics

Q.15. Which ISI offers M.Math course after B.sc?

a) ISI KOLKATA c) ISI HYDERABAD

b) ISI MUMBAI d) ISI DELHI

Dept of Mathematics

Q.16. Who is the founder of ISI ?

- a) **Prasanta Chandra Mahalanobis**
- b) **Meghnad Saha**
- c) **C.V. Raman**
- d) **Srinivasa Ramanujan**

Dept of Mathematics

Q.17. What is the full form of CMI ?

- a) Chennai Mathematical Institute**
- b) Cell mediated immunity**
- c) Communication media information**
- d) Credit manager's index**

Dept of Mathematics

Q.18.The CMI has invited PhD Mathematics candidates directly for interview who have qualified for the scholarship of

a) NBHM

b) CSIR

c) GATE

d) none of these

Dept of Mathematics

Q.19. In HRI the areas of focus in Mathematics are

a) Algebra,

b) Analysis

c) Geometry & Number Theory d) All of these

Dept of Mathematics

Q.20.TIFR main campus is

- a) **TIFR Mumbai** b) **TIFR Hyderabad**
- c) **CAM Bengaluru** d) **HBCSE Mumbai**

Dept of Mathematics

Q.21.Numerical Analysis develop our

- a) Mental Math
- b) Computing Skill
- c) ICT base Computing Skill
- d) While

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Q.22.Logic and Set develop our

a)Soft Skill

b) Life Skill

c)ICT Skill

d) Computing Skill

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Q.23. Project work develop our

- a) Life Skill
- b) Research Skill
- c) Language Skill

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Q.24. Field Visit help our

- a) Experiential learning
- b) Participating learning
- c) Problem solving learning

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Q.25. Quiz competition develop the student's

- a) Innovative Skill
- b) Life Skill
- c) Computing Skill
- d) Language Skill

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Q.26.Meditation develop our

- a)Concentration of Mind
- b) Weath
- c) Intelligent
- d) Happy

Dept of Mathematics

Q.27. The Ramanujan Fellowship is given to the brilliant Indian scientists and engineers who wants to come from

- a) Abroad to India & below 40 years
- b) Abroad to America & after 20 years
- c) London to India & below 30 years
- d) japan to America & below 40 years

Dept of Mathematics

Q.28. Father of Trigonometry?

a) Hipparchus

b) Isaac Newton

d) Euclid

d) Henri Poincare

Dept of Mathematics

Q.29. Who Created the BODMAS Rule?

a) Achilles Reselfelt

b) Euclid

c) Terence Tao

d) Archimedes

Dept of Mathematics

Q.30. A set A is said to be countable if there exists a function $f:A \rightarrow \mathbb{N}$ such that

- (A) f is bijective
- (B) f is surjective
- (C) f is identity map
- (D) None of these

Dept of Mathematics

Q.31. Which is the first paper published by Ramanujan?

- a) Complex Number b) Real number
- c) Bernoulli Number d) Integer

Dept of Mathematics

Q.32.If a real number is not rational then it is

- (A) integer
- (B) algebraic number
- (C) irrational number
- (D) complex numbers

Dept of Mathematics

Q.33. Concept of the divisibility only exists in set of

- (A) natural numbers
- (B) integers
- (C) rational numbers
- (D) real numbers

Dept of Mathematics

Q.34.What is not true about number zero.

- (A) Even
- (B) Positive
- (C) Additive identity
- (D) Additive inverse of zero

See Answer

Dept of Mathematics

Q.35. Who Created an algorithm to Calculate P_i to Five correct decimal places?

a) Srinivasa Ramanujan

b) G.H. Hardy

c) Fibonacci

d) Liu Hui

Dept of Mathematics

Q.36. Which City's Towers are Famous in mathematics?

a) The Shard

b) Bishopsgate

c) Hanoi

d) One Canadian Square

Dept of Mathematics

Q.37. Who discovered Number Line?

a) John Wallis

b) Johannes Widman

b) G.H. Hardy

d) Henri Poincaré

Dept of Mathematics

Q.38.How many zeros are there in One Trillion?

a) 9 zeros

b) 5 zeros

c)12 zeros

d)15 zeros

Dept of Mathematics

Q.39. Which number does not have a Reciprocal?

a)one

b)nine

c)seven

d)zero

Dept of Mathematics

Q.40. What number do we get when we multiply all of the numbers on a Telephone Number Pad?

a) Three

b) one

c) Ten

d) zero

Dept of Mathematics

Q.41. Who discovered Hyperbolic Sine and cosine “Sinh and Cosh”?

a) Vincenzo Riccati

b) David Hilbert

c) Isaac Newton

d) Euclid

Dept of Mathematics

Q.42. Who constructed the first Trigonometric Table?

a) Srinivasa Ramanujan

b) G.H. Hardy

c) Hipparchus

d) Liu Hui

Dept of Mathematics

Q.43. Who discovered Differential Equations dx?

a) Hipparchus

b) Gottfried Leibniz

d) Euclid

d) Henri Poincare

Dept of Mathematics

Q.44.Name of the Symbol ϕ ?

a) Golden ratio

b) Ray ab

c) Dollar sign

d) Asterisk

Dept of Mathematics

Q.45. Who discovered the empty set sign \emptyset (null)?

a)Ander Weil

b)David Hilbert

d)Isaac Newton

d)Euclid

Dept of Mathematics

Q.46. Who discovered intersection \cap and union \cup ?

a) Srinivasa Ramanujan

b) G.H. Hardy

c) Hipparchus

d) Giuseppe Peano

Dept of Mathematics

Q.47. Who discovered $+$ and $-$?

a) Johannes Widman

b) Henri Poincare

c) Albert Einstein

d) Paul Erdoos

Dept of Mathematics

Q.48. What comes after a Trillion?

a) Sextillion

b) nonillion

c) Quadrillion

d) Octillion

Dept of Mathematics

Q.49. Graphical method, Simplex and transportation method are concerned with

a) C Programming

b) Linear Programming

c) Java

d) Python

Dept of Mathematics

Q.50.What does PERT Stand for in Industrial Management?

- a) Program Evaluation and Review Technique
- b)Project Evaluation and Review technique
- c)Program evaluation and Resouace
- d)Project Evaluation and Resource Tracking

Dept of Mathematics

Q.51. Who discovered the division sign \div ?

a) Johann Rahn

b) G.H. Hardy

c) Fibonacci

d) Liu Hui

Dept of Mathematics

Q.52. How many seconds are there in one hour?

a) 1800

b) 3600

c) 4000

d) 4200

Dept of Mathematics

Q.53. Every open set of real numbers is the union of

- a) Countable collection of disjoint open intervals
- b) Uncountable collection of disjoint open intervals
- c) Countable collection of disjoint Closed intervals
- d) Uncountable collection of disjoint Closed intervals

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Q.54. Which number is Known as Ramanujan-Hardy Number?

a) 1729

b) 2589

c) 1879

d) 1679

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Q.55. What is the full form of CBCS?

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Q.56. What is the full form of SGPA?

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Q.57. What is the full form of CGPA ?

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Q.58. What is the full form of IPR?

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Q.59. What is the full form of DSC?

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Q.60. What is the full form of SEC?

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Q.61. What is the difference between Course outcome and Programme outcome?



[Signature]

22.12.2023

Principal

Mugberia Gangadhar Mahavidyalaya