

### 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

E-mail : mugberia\_college@rediffmail.com // www.mugberiagangadharmahavidyalaya.ac.in

#### **REPORT ON OBSERVATION OF INTERNATIONAL MATHEMATICS DAY**

Organized by Department of Mathematics Mugberia Gangadhar Mahavidyalaya DATE 14<sup>th</sup> MARCH 2023

#### 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 4<sup>th</sup> SEM 2023) under the supervision of ... Dr. Kalipada Maity Associate Professor :: Dept of Mathematics 14 March, 2023



#### 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

E-mail : mugberia\_college@rediffmail.com // www.mugberiagangadharmahavidyalaya.ac.in

#### NOTICE

Dated: 09 / 03 / 2023

This is to hereby notify all the students that the Dept. of Mathematics, Mugberia Gangadhar Mahavidyalaya is going to organize a Quiz competition programme at 1.30pm. on 14<sup>th</sup> March 2023. All the students and researchers are requested to be enlisted your name on and before 13<sup>th</sup> March 2023 to Dr. Kalipada Maity, HOD Dept of Mathematics.

Dr. Swapan Kumar Misra

Principal

Mugberia Gangadhar Mahavidyalaya

Mugberia Gangadhar Mahavidyalaya



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

## Q.2.Which Country invented mathematics?a)Indiab)Greece

c)America

d)Japan

Q.3.Who is Know as Human Computer?

a) Shakuntala Devi

b)David Hilbert

d)Isaac Newton

d)Euclid

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

a)1264

b)4167

c)2176

d)5280

### Q.5.Which Year the Ramanujan National Park opened?a)2004 b)2020

c)2017

d)2009

Q.6.Name the Scientist Who Was born on P<sub>i</sub> Day?

a) Sophus Liec) Albert Einstein

b) Henri Poincared) Paul Erdoos

#### Q.7.Who is the father of mathematics?

#### a)Karl Pearson

b)Felix Klein

#### c)Terence Tao

d)Archimedes

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

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

(a) Three years

(b) Lifetime

(c) one year

(d) none of these

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

Q.11. The validity of CAT scorecard is

(a) One year (b) Lifetime

(b) Two years

(d) Five years

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



**b) INSPIRE** 



d) none of these

#### 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

Q.14.Which IISER is good for Mathematics?

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

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

#### a) ISI KOLKATA c) ISI HYDERABAD

#### b) ISI MUMBAI d) ISI DELHI

Q.16. Who is the founder of ISI ?

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

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

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

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

a) Algebra,

**b)** Analysis

c) Geometry & Number Theory d) All of these

Q.20.TIFR main campus is

a) TIFR Mumbai b) TIFR Hyderabad

c) CAM Bengaluru d) HBCSE Mumbai

Q.21.Numerical Analysis develop our

a) Mental Mathb) Computing Skillc) ICT base Computing Skilld)While

Q.22.Logic and Set develop our

a)Soft Skill

b) Life Skill

c)ICT Skill

d) Computing Skill

Q.23.Project work develop our

a) Life Skillb) Research Skillc) Language Skill

Q.24.Field Visit help our

- a) Experiencial learning
- b) Partipating learning
- c) Problem solving learning

Q.25.Quiz competition develop the student's

a)Innovative Skillb) Life Skillc) Computing Skilld) Language Skill

Q.26.Meditation develop our

a)Concentration of Mindb) Weathc) Intelligentd) Happy

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

Q.28. Father of Trigonometry?

a) Hipparchus

b) Isaac Newton

d)Euclid

d)Henri Poincare

#### Q.29. Who Created the BODMAS Rule?

#### a)Achilles Reselfelt

b) Euclid

c) Terence Tao

d)Archimedes

Q.30.A set A is said to be countable if there exists a function f:A→N such that
(A) f is bijective
(B) f is surjective
(C) f is identity map
(D) None of these

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

a)Complex Number b)Real number

c) Bernoulli Number d)Integer

Q.32.If a real number is not rational then it is
(A) integer
(B) algebraic number
(C) irrational number
(D) complex numbers

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

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

Q.34.What is not true about number zero.
(A) Even
(B) Positive
(C) Additive identity
(D) Additive inverse of zero
See Answer

Q.35.Who Created an algorithm to Calculated P<sub>i</sub> to Five correct decimal places?

a) Srinivasa Ramanujan

b)G.H. Hardy

c)Fibonacci

d)Liu Hiu

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

a)TheShard

b)Bishopsgate

c)Hanoi

d)One canadan square

Q.37.Who discovered Number Line?

a)john wallis

b)johannes widman

b) G.H. Hardy

d) Henri Poincare

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

a) 9 zeros

b) 5 zeros

c)12 zeros

d)15 zeros

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

a)one

b)nine

c)seven

d)zero

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

a) Three

c)Ten

b)one

d)zero

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

a) Vincenzo Riccati

b)David Hilbert

d)Isaac Newton

d)Euclid

Q.42.Who constructed the first Trigonometric Table?

a) Srinivasa Ramanujan

b)G.H. Hardy

c)Hipparchus

d)Liu Hiu

Q.43.Who discovered Differential Equations dx?

a) Hipparchus

b) Gottfried Leibniz

d)Euclid

d)Henri Poincare

Q.44.Name of the Symbol φ?

a) Golden ratio

b)Ray ab

c)Dollar sign

d)Asterisk

### Q.45.Who discovered the empty set sign Ø (null)?

#### a)Ander Weil

#### d)Isaac Newton

#### b)David Hilbert

#### d)Euclid

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

#### a) Srinivasa Ramanujan

b)G.H. Hardy

c)Hipparchus

d)Giuseppe Peano

Q.47.Who discovered + and -?

a) Johannes Widman

b) Henri Poincare

c) Albert Einstein

d) Paul Erdoos

Q.48.What comes after a Trillion?

a)Sextillion

b)nonillion

c)Quadrillion

d)Otillion

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

a)C Programming

b) Linear Programming

c) Lava

d) Python

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 Resource
d)Project Evaluation and Resource Tracking

Q.51.Who discovered the division sign ÷?

a) Johann Rahn

b)G.H. Hardy

c)Fibonacci

d)Liu Hiu

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

a)1800

b)3600

c)4000

d)4200

Q.53. Every open set of real numbers is the union ofa) Countable collection of disjoint open intervalsb) Uncountable collection of disjoint openintervals

c) Countable collection of disjoint Closed intervals

d) Uncountable collection of disjoint Closed intervals

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

a) 1729

b)2589

c)1879

d)1679

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

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

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

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

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

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

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

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



Sontanz

15-83-2023 Principal Mugberia Gangadhar Mahavidyalaya