

# GEM (GENIUS EXAM OF MATHEMATICS)



1<sup>st</sup> Level Exam

**CLASS**

**1**

Maximum Marks : 100	Duration : 60 Minutes	Total Question : 40
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**CANDIDATES'S NAME :**

## INSTRUCTION FOR THE CANDIDATES

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2. There are 40 questions in the test. Each question has only one option as CORRECT.
3. For filling up information about yourself on answer sheet.
4. Write your name in capital letter in answer sheet.
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6. All the question are compulsory and there is no negative marking.
7. Use of calculator, mobile phone & any electronic gadgets is NOT allowed.
8. Write any one correct option in answer sheet.

- Q.1 How many days in February month in a leap year?
- a) 29 days
  - b) 28 days
  - c) 27 days
- Q.2 How many months in a year?
- a) 12
  - b) 7
  - c) 10
- Q.3 How many minutes in 1 hours?
- a) 60 min
  - b) 30 min
  - c) 45 min
- Q.4 When we add zero (0) to any number, we get ?
- a) Same number
  - b) 0
  - c) Different number
- Q.5 How many sides in square?
- a) 4
  - b) 3
  - c) 2
- Q.6 How many years in a century?
- a) 100
  - b) 90
  - c) 10
- Q.7 How many paisa in 1 rupee?
- a) 50 paisa
  - b) 25 paisa
  - c) 100 paisa
- Q.8 Which is the last month of the year?
- a) January
  - b) December
  - c) November
- Q.9 Multiply  $5 \times 3 =$
- a) 15
  - b) 8
  - c) 11
- Q.10  $7 \times \underline{\hspace{2cm}} = 7$
- a) 1
  - b) 0
  - c) 7
- Q.11 Which is the correct spelling of 22 ?
- a) Twenty-Two
  - b) Two Two
  - c) Two thirty
- Q.12 One less than 10 is -
- a) 8
  - b) 9
  - c) 11
- Q.13 What comes between 31 \_\_\_\_\_ 33 ?
- a) 32
  - b) 30
  - c) 34
- Q.14 Put sign  $70 \underline{\hspace{1cm}} 70$
- a)  $>$
  - b)  $<$
  - c)  $=$

Q.15 Put sign 88 \_\_\_\_\_ 36

- a) >
- b) =
- c) <

Q.16 In 734, 4 is stand for

- a) Ones
- b) Hundred
- c) Tens

Q.17 Write the next number of pattern 10,20, 30

- \_\_\_\_\_
- a) 10
  - b) 20
  - c) 40

Q.18  $7+7+7+7=$  \_\_\_\_\_ x 7 is multiplication as

- a) 3
- b) 4
- c) 5

Q.19  $75 - 20 =$  \_\_\_\_ which number comes?

- a) 65
- b) 75
- c) 55

Q.20 Which day comes between Wednesday and Friday.

- a) Tuesday
- b) Monday
- c) Thursday

Q.21 Third month of the year is

- a) February
- b) March
- c) April

Q.22 Write numerals for Thirty- Five is -

- a) 35
- b) 33
- c) 53

Q.23 First working day of week is

- a) Monday
- b) Saturday
- c) Sunday

Q.24 6 tens+ 1 ones = \_\_\_\_\_

- a) 61
- b) 62
- c) 60

Q.25 In 189, the place value of 8 is \_\_\_\_\_

- a) Ones
- b) Hundreds
- c) Tens

Q.26 Multiply  $1 \times 7 =$  \_\_\_\_\_

- a) 7
- b) 777
- c) 77

Q.27  $100 + 100 =$  \_\_\_\_\_

- a) 200
- b) 300
- c) 100

Q.28 Multiply  $10 \times 0 = ?$

- a) 0
- b) 10
- c) 100

Q.29 A table has a \_\_\_\_\_ surface.

- a) Curved
- b) Plane
- c) Sphere

Q.30 A cube has \_\_\_\_\_ corners.

- a) 4
- b) 8
- c) 6

Q.31 Smallest number with digits 3,1, 5 is

- a) 135
- b) 351
- c) 315

Q.32 Which is the smallest number

- a) 435
- b) 345
- c) 354

Q.33 How many fifty (50) rupees notes are there in Rs. 100?

- a) 1
- b) 3
- c) 2

Q.34 How do we write nine in figure?

- a) 7
- b) 9
- c) 6

Q.35 What is the numeral of Twenty-three?

- a) 43
- b) 23
- c) 42

Q.36 What is the number name of 56 ?

- a) Fifty-six
- b) Seventy-four
- c) Fifty-four

Q.37  $6+13+0=$  \_\_\_\_\_

- a) 23
- b) 19
- c) 18

Q.38 what is 2 tens?

- a) 20
- b) 2
- c) 22

Q.39 Which of the following is the biggest animal?

- a) Tiger
- b) Elephant
- c) Horse

Q.40 What comes next in the sequence 2,4,6,8?

- a) 9
- b) 8
- c) 10



# GEM (GENIUS EXAM OF MATHEMATICS)



1<sup>st</sup> Level Exam

**CLASS**  
**2**

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8. Write any one correct option in answer sheet.

- Q.1  $4 \times 5 = 20$  is a fact of
- Multiplication
  - Addition
  - Subtraction
- Q.2 A number divided by itself gives the number
- 0
  - 1
  - None
- Q.3 The biggest 2-digit number is
- 9
  - 99
  - 999
- Q.4 How many paise in 1 rupee?
- 50 paise
  - 25 paise
  - 100 paise
- Q.5 The place- value of 5 in 5431 is.
- Thousand
  - Hundred
  - Tens
- Q.6 Multiply  $33 \times 0 =$
- 33
  - 1
  - 0
- Q.7  $10 \times \underline{\quad} = 0$
- 5
  - 0
  - 10
- Q.8 When we change the order of the number the product remain.
- 0
  - 1
  - Same
- Q.9  $8 \div \underline{\quad} = 8$
- 0
  - 1
  - 7
- Q.10 80 Water bottles are divided equally among 8 children
- 9
  - 10
  - 90
- Q.11 When we measure small lengths we use \_\_\_\_\_
- Centimetre
  - Metre
  - Kilometre
- Q.12  $1 \text{ m} = \underline{\hspace{2cm}} \text{ cm}$
- 1000
  - 10
  - 100 ( )
- Q.13  $1 \text{ L} = \underline{\hspace{2cm}} \text{ ml}$
- 1000
  - 10
  - 100
- Q.14 6 pens costs Rs. 54 what is the cost of one pen?
- 9
  - 10
  - 11

Q.15 How many Rs. 50 note in Rs. 100 ?

- a) 2
- b) 50
- c) 10

Q.16 10 more than 350 is

- a) 360
- b) 390
- c) 380

Q.17 4 weeks make \_\_\_\_ days.

- a) 28
- b) 29
- c) 30

Q.18 if 1 L = 1000 ml then 7 L = \_\_\_\_ ml

- a) 7000 ml
- b) 70 ml
- c) 1000 ml

Q.19  is a \_\_\_\_\_.

- a) Cone
- b) Cylinder
- c) Triangle

Q.20 How will you write Ninety Eight in figures?

- a) 809
- b) 98
- c) 89

Q.21 What is the place-value of 7 in 798?

- a) 70
- b) 700
- c) 7

Q.22  $200 + 40 + 4$  is equal to

- a) 244
- b) 264
- c) 642

Q.23 990 is equal to

- a)  $900 + 90 + 9$
- b)  $900 + 90$
- c)  $900 + 9$

Q.24 what is 5 tens and 4 ones?

- a) 45
- b) 504
- c) 54

Q.25  $10 + 4 =$  \_\_\_\_\_  $+ 10$

- a) 0
- b) 4
- c) 5

Q.26  $2+2+2+2+2+2$  is equal to


- a)  $5 \times 2$
- b)  $6 \times 2$
- c) 22

Q.27  $9 \times 3 =$  \_\_\_\_\_

- a) 27
- b) 39
- c) 93

Q.28 9 divided by 3 is equal to ..... ?

- a) 4
- b) 3
- c) 5

- Q.29  represents
- a)  $\frac{1}{3}$
  - b)  $\frac{1}{4}$
  - c)  $\frac{1}{2}$
- Q.30 What is double of 7 ?
- a) 49
  - b) 14
  - c) 7
- Q.31 The short form of kilometre is -
- a) KM
  - b) KG
  - c) KL
- Q.32 Those numbers which are not divisible by 2 is called.
- a) Even
  - b) Odd
  - c) None
- Q.33 What will come next in the sequence 100,200, 300...?
- a) 500
  - b) 600
  - c) 400
- Q.34 50,40,30,20\_\_\_\_\_ are pattern.
- a) Increasing Pattern
  - b) Decreasing Pattern
  - c) None
- Q.35 If we add 1 to any odd number, we get \_\_\_\_\_
- a) Even number
  - b) Odd number
  - c) 0
- Q.36 How many days in February month in a leap year?
- a) 29 days
  - b) 28 days
  - c) 30 days
- Q.37 How many sides in square?
- a) 4
  - b) 3
  - c) 1
- Q.38 Which is the last month of the year?
- a) January
  - b) December
  - c) November
- Q.39 What comes just before 27 ?
- a) 26
  - b) 25
  - c) 28
- Q.40 Which sign is put here 98 \_\_\_\_\_ 100
- a)  $>$
  - b)  $<$
  - c)  $=$



# GEM (GENIUS EXAM OF MATHEMATICS)



1<sup>st</sup> Level Exam

**CLASS**

**3**

Maximum Marks : 100	Duration : 60 Minutes	Total Question : 40
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**CANDIDATES'S NAME :**

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7. Use of calculator, mobile phone & any electronic gadgets is NOT allowed.
8. Write any one correct option in answer sheet.

- Q.1  $345 + 0 = \underline{\quad} + 345$
- 0
  - 1
  - 345
- Q.2 Roman numeral of 3 is
- III
  - IV
  - V
- Q.3 The predecessor of the smallest 4-digit is  $\underline{\quad}$
- 100
  - 99
  - 999
- Q.4  $IV + VI$  is equal to
- 10
  - 11
  - 16
- Q.5 A triangle has sides
- 1
  - 6
  - 3
- Q.6  $\text{Dividend} = \text{Divisor} \times \text{Quotient} + \underline{\quad}$ ?
- Divide
  - Multiply
  - Remainder
- Q.7  $\frac{1}{2}$  of 6 =
- 6
  - 3
  - 8
- Q.8 In divide the answer we obtain is called
- Product
  - Sum
  - Quotient
- Q.9 In a  $\underline{\quad}$  the opposite sides are equal
- Rectangle
  - Square
  - Circle
- Q.10  $2000 + 200 + 20 = \underline{\quad}$
- 200
  - 2220
  - 2200
- Q.11 A boy has 2 legs. How many legs do 6 boys have?
- 10
  - 11
  - 12
- Q.12 A notebook has 42 pages. How many pages are there in 3 notebooks?
- 50
  - 126
  - 100
- Q.13 A ball cost 3 rupee. What is the cost of 7 balls?
- 21
  - 24
  - 28
- Q.14 24 sweets are divided equally among 6 children
- 4
  - 6
  - 24

- Q.15  $15 \div 3 = 5$  which number is quotient?  
a) 15  
b) 3  
c) 5
- Q.16 The place-value of 5 in 5312 is \_\_\_\_  
a) 5000  
b) 500  
c) 50
- Q.17 A circle and oval have sides  
a) 1  
b) No Sides  
c) 2
- Q.18 How many days in February month in a leap year?  
a) 29 days  
b) 28 days  
c) 27 days
- Q.19 Which is bigger: 4937 or 4397?  
a) 4937  
b) 4397  
c) None
- Q.20 Which Roman numeral cannot be repeated?  
a) I, L, C  
b) V, L, D  
c) X, L, M
- Q.21 Write the Roman numeral for 14.  
a) IV  
b) XX  
c) XIV
- Q.22 In which year 2000 note was introduced?  
a) 1999  
b) 2016  
c) 2010
- Q.23 Long distance between two cities are measured in \_\_\_\_  
a) KM  
b) CM  
c) M
- Q.24 Which day is celebrated as the Teacher's Day?  
a) 5th October  
b) 5th September  
c) 5th November
- Q.25 Which is the shortest month?  
a) April  
b) March  
c) February
- Q.26 How many weeks in a year?  
a) 52 weeks  
b) 54 weeks  
c) 50 weeks
- Q.27 The sum of an even number and one odd number is \_\_\_\_  
a) Odd number  
b) Even number  
c) None
- Q.28  $400 \times 25 =$  \_\_\_\_  
a) 10000  
b) 1000  
c) 100

Q.29 How many squares are there in the figure?

- a) 1
- b) 5
- c) 4



Q.30 The Roman numeral for 24 is

- a) XXIV
- b) XXXIII
- c) XXVI

Q.31 What should be added to 50 to get 100?

- a) 50
- b) 1
- c) 100

Q.32 Which of the following have unlike fraction?

- a)  $\frac{4}{9}$ ,  $\frac{8}{9}$ ,  $\frac{2}{9}$ ,  $\frac{5}{9}$
- b)  $\frac{7}{8}$ ,  $\frac{4}{8}$ ,  $\frac{6}{8}$ ,  $\frac{2}{8}$
- c)  $\frac{1}{3}$ ,  $\frac{5}{8}$ ,  $\frac{4}{5}$ ,  $\frac{2}{6}$

Q.33  $6550 \text{ g} = \underline{\hspace{2cm}}$ ?

- a) 6550 Kg
- b) 6 Kg 550 g
- c) 65 Kg 50 g

Q.34 A year which is exactly divisible by  $\underline{\hspace{2cm}}$  is called a leap year.

- a) 2
- b) 3
- c) 4

Q.35 The shape of a chapatti is a  $\underline{\hspace{2cm}}$

- a) Circle
- b) Square
- c) Rectangle

Q.36 Smallest five-digit number is  $\underline{\hspace{2cm}}$

- a) 100
- b) 10000
- c) 1000

Q.37 When a number is subtracted from itself the difference is always  $\underline{\hspace{2cm}}$

- a) 1
- b) 2
- c) 0

Q.38 Every even number is divisible by  $\underline{\hspace{2cm}}$

- a) 0
- b) 1
- c) 2

Q.39 The months of July and August together have  $\underline{\hspace{2cm}}$  days.

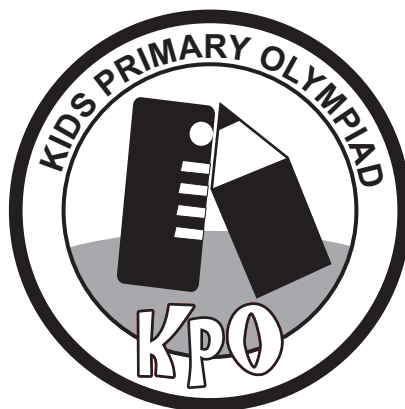
- a) 31 days
- b) 30 days
- c) 28 days

Q.40 How many paisa in 5 rupees?

- a) 100 paisa
- b) 500 paisa
- c) 200 paisa



# GEM (GENIUS EXAM OF MATHEMATICS)



1<sup>st</sup> Level Exam

**CLASS**

**4**

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7. Use of calculator, mobile phone & any electronic gadgets is NOT allowed.
8. Write any one correct option in answer sheet.

- Q.1 How many 2-digit numbers are there before 100?
- 91
  - 90
  - 93
- Q.2 The largest 5-digit number is \_\_\_\_\_
- 9999
  - 99999
  - 999
- Q.3 How many thousands make one lakh?
- 10
  - 1000
  - 100
- Q.4 Tick the number which is not exactly divisible by 2
- 126
  - 444
  - 2313
- Q.5 \_\_\_\_\_ is neither composite nor prime number
- 0
  - 2
  - 1
- Q.6 Each prime number has exactly \_\_\_\_\_ factors.
- 0
  - 1
  - 2
- Q.7 Two numbers which have only 1 as their common factor are called \_\_\_\_\_ numbers.
- Composite
  - Prime
  - Co-Prime
- Q.8 6729 rounded off to the nearest thousand is
- 6000
  - 7000
  - 5000
- Q.9 The fractions have same denominator are called \_\_\_\_\_ fractions.
- Unlike
  - Like
  - Mixed
- Q.10 The place value of 2 in 4.321 is \_\_\_\_\_
- 20
  - 0.2
  - 0.02
- Q.11 The year divisible by \_\_\_\_\_ is called a leap year.
- 1
  - 2
  - 4
- Q.12 How many weeks make 1 year?
- 50 weeks
  - 60 weeks
  - 52 weeks
- Q.13 Multiplying ₹ 250.00 by 100, the product is \_\_\_\_\_
- ₹ 2050
  - ₹ 20005
  - ₹ 25000
- Q.14 A polygon formed of three line segments is called a \_\_\_\_\_
- Triangle
  - Square
  - Circle

- Q.15 A square and a rectangle are types of a \_\_\_\_\_
- Symmetric
  - Quadrilateral
  - Chord
- Q.16 Representation of data using picture symbols is called a \_\_\_\_\_
- Pictograph
  - Bar Graph
  - None
- Q.17 The number which is one less than 1 lakh.
- 99999
  - 99
  - 9999
- Q.18 A Quadrilateral whose all sides are of the same length is called \_\_\_\_\_
- Triangle
  - Rectangle
  - Square
- Q.19 Using the digits 5, 0, 7, 2 the smallest 4-digit number so formed (each digit to be used once only)
- 2105
  - 2075
  - 2057
- Q.20 The prime factorization of 72 is
- $2 \times 4 \times 3 \times 3$
  - $2 \times 2 \times 2 \times 3 \times 3$
  - $8 \times 3 \times 3$
- Q.21 In Roman system, there is no symbol for \_\_\_\_\_
- V
  - 0
  - X
- Q.22 The Roman numerals, I and X represent respectively.
- 5 and 10
  - 1 and 10
  - 6 and 7
- Q.23 Successor of 3, 58, 000 is \_\_\_\_\_
- 3, 57, 998
  - 3, 57, 999
  - 3, 58, 001
- Q.24 The bigger number from which the smaller number is subtracted is known as \_\_\_\_\_
- Minuend
  - Subtracted
  - Difference
- Q.25 Difference of the largest 5-digit number from the smallest 6-digit number is \_\_\_\_\_
- 10
  - 1000
  - 1
- Q.26 The number of times the divisor is contained in the dividend is called \_\_\_\_\_
- Quotient
  - Divisor
  - Dividend
- Q.27 There are 1000 balls in 25 boxes. If the number of balls in each box is same then number of balls in one box is \_\_\_\_\_
- 40
  - 400
  - 4

Q.28 A factor of a number is \_\_\_\_\_ than or equal to the number.

- a) More
- b) Less
- c) None

Q.29 Every multiple of a number is \_\_\_\_\_ than or equal to the number itself.

- a) Less
- b) Greater
- c) None

Q.30 The fractions which have the same value are called \_\_\_\_\_

- a) Equivalent
- b) Like
- c) Unlike

Q.31 From given fractions,  $\frac{13}{25}$  and  $\frac{17}{25}$  the greater one is

- a)  $\frac{13}{25}$
- b)  $\frac{17}{25}$
- c) Both are Equal

Q.32 Which is the mixed fraction?

- a)  $\frac{5}{11}$
- b)  $\frac{13}{11}$
- c)  $2\frac{16}{11}$

Q.33 59.63 in common fraction is \_\_\_\_\_

- a)  $\frac{5963}{100}$
- b)  $\frac{5960}{100}$
- c)  $\frac{5963}{1000}$

Q.34 Lunch break starts in your school at 11:00 \_\_\_\_\_

- a) A.M.
- b) P.M.
- c) None

Q.35 9 days 5 hours = \_\_\_\_\_ hours

- a) 226
- b) 220
- c) 221

Q.36 ₹ 65.80 is equivalent to

- a) 6638 P
- b) 7358 P
- c) 6580 P

Q.37 Diameter is \_\_\_\_\_ the radius of the circle.

- a) Once
- b) Twice
- c) None

Q.38 A rectangle has \_\_\_\_\_ lines of symmetry.

- a) 0
- b) 1
- c) 2

Q.39 A combination of a whole number and a proper fraction is called \_\_\_\_\_ fraction.

- a) Unit
- b) Proper
- c) Mixed

Q.40 A triangle having no sides equal does not have any line of symmetry statement is

- a) True
- b) False
- c) None



# GEM (GENIUS EXAM OF MATHEMATICS)



1<sup>st</sup> Level Exam

**CLASS**

**5**

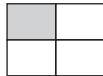


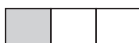
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- Q.1 If the product of two numbers is zero, then one of the two numbers must be
- 1
  - 0
  - 10
  - 2
- Q.2 To round off a number to the nearest 100, we need to observe the digit at
- Ones Place
  - Tens Place
  - Hundreds Place
  - Thousands Place
- Q.3 All prime numbers are
- Even Numbers
  - Odd Numbers Including 2
  - Odd Numbers
  - Even and Odd Numbers
- Q.4 Which Roman numeral can be subtracted from C?
- V
  - X
  - I
  - L
- Q.5 A room is 14 feet long, 9 feet wide and 9 feet high. Its volume is \_\_\_\_\_
- 1134 cu. ft.
  - 1113 cu. ft.
  - 1234 cu. ft.
  - 1334 cu. ft.
- Q.6 L.C.M. stands for \_\_\_\_\_
- Lowest Common Multiple
  - Lowest Common Method
  - Lower Common Multiple
  - None
- Q.7 If C.P. is ₹ 600 and S.P. is ₹ 900, then there is a \_
- Loss of ₹ 300
  - gain of ₹ 300
  - loss of ₹ 150
  - gain of ₹ 150
- Q.8 If two angles measure  $60^\circ$  and  $40^\circ$ , they are \_
- Complimentary Angles
  - Supplementary Angles
  - Neither Supplement Nor Compliment
  - Always Adjacent
- Q.9 \_\_\_\_\_ Polygon with 8 sides?
- Isosceles
  - Square
  - Octagon
  - Equilateral
- Q.10 2 millions = \_\_\_\_\_ lakhs
- 2
  - 20
  - 200
  - None
- Q.11  $6\frac{2}{7}$  will be written as \_\_\_\_\_ in improper fraction.
- $\frac{42}{7}$
  - $\frac{40}{7}$
  - $\frac{44}{7}$
  - $\frac{7}{44}$
- Q.12 The fraction  $\frac{3}{7}$ ,  $\frac{4}{5}$ ,  $\frac{9}{11}$  etc. are example of \_\_\_\_\_ fraction.
- Proper
  - Like
  - Improper
  - Equivalent
- Q.13 If two sides in a triangle are equal length then this triangle is called a/an
- Equilateral Triangle
  - Scalene Triangle
  - Isosceles Triangle
  - None

- Q.14  $6\frac{1}{7} + 1\frac{3}{14} =$  \_\_\_\_\_
- a)  $7\frac{5}{14}$                       b)  $9\frac{7}{14}$
- c)  $5\frac{1}{8}$                           d) None
- Q.15 If diameter of a circle is 6.8 cm, then its radius is \_\_\_\_\_
- a) 3.4 cm
- b) 4.2 cm
- c) 3.5 cm
- d) None
- Q.16 Thirty-nine in Roman numeral is:
- a) XXXXI
- b) XXXIX
- c) XXIXX
- d) XXXIXX
- Q.17 Perimeter of a rectangle = 2 x ( \_\_\_\_\_ + breadth)
- a) Breadth
- b) Height
- c) Length
- d) None
- Q.18 205 days = \_\_\_\_\_ hours
- a) 4620
- b) 4920
- c) 4258
- d) 40000
- Q.19 The base units of length, mass and capacity are \_\_\_\_\_
- a) M, CM, and L
- b) M, G and L
- c) G, KG and KL
- d) ML, MG and MM
- Q.20  $3250 \times 100 =$  \_\_\_\_\_
- a) 325000
- b) 32500
- c) 3250000
- d) 36500
- Q.21 If quotient = 2738, remainder = 63, divisor = 67, dividend = \_\_\_\_\_
- a) 275659
- b) 183509
- c) 473269
- d) 276285
- Q.22 10 crores = \_\_\_\_\_ millions.
- a) 10                              b) 1000
- c) 100                            d) 210
- Q.23 Place value of circled digit in number 936.(2)43 is:
- a)  $\frac{2}{10}$                               b)  $\frac{2}{100}$
- c)  $\frac{2}{1000}$                             d) 2000
- Q.24 The numeral for eight crore twenty-five lakh seventy-eight thousand one hundred two is
- a) 85278120
- b) 82578102
- c) 80258102
- Q.25 A boy weighs 56.74 kg. If his father is 1.5 times heavier than his son, then the weight of the father is \_\_\_\_\_.
- a) 85 Kg
- b) 85.11 kg
- c) 85.20 kg
- d) 85.15 kg
- Q.26  $2 + \frac{1}{100} + \frac{3}{100} =$  \_\_\_\_\_
- a) 0.213                              b) 2.13
- c) 2.04                                d) 2.130
- Q.27 In which of the following does the shaded part represent one third of it.
- a) 
- b) 
- c) 
- d) 

- Q.28 Identify the place value for the underlined digit of the number below. 3,704,079
- Millions
  - Thousands
  - Hundreds
  - Tens
- Q.29 The place which comes on immediate right of the hundreds place in the place value chart is \_
- Thousands
  - Tens
  - Ones
  - Ten thousands
- Q.30 55 Kg 200 g of sugar is distributed among 12 persons. The quantity of sugar received by each person is \_\_\_\_\_
- 4 kg 200 g
  - 4 kg 400 g
  - 4 kg 600 g
  - 4 kg 800 g
- Q.31 The C.P. of a computer set is Rs. 75000. If it is sold at a profit of 10%, the S.P. of the computer is
- Rs. 80500
  - Rs. 85000
  - Rs. 82000
  - Rs. 82500
- Q.32 If a circle is divided into two equal parts, then equal part of the circle is called \_\_\_\_\_.
- Semicircle
  - Major Circle
  - Minor circle
  - All of these
- Q.33 A cuboidal box has \_\_\_\_\_ corner points.
- 10
  - 6
  - 12
  - 8
- Q.34 The LCM of 12, 18 and 24 is \_\_\_\_\_.
- 48
  - 36
  - 72
  - 84
- Q.35 A generator consumes 2.875 litres of diesel per hour. The quantity of diesel required to run the generator for 24 hours is \_\_\_\_\_.
- 45 litres
  - 55 litres
  - 66.84 litres
  - 69 litres
- Q.36 Simplify :  $4\frac{3}{5} - 2\frac{7}{5}$
- $\frac{6}{5}$
  - $\frac{4}{5}$
  - $\frac{7}{5}$
  - $\frac{9}{5}$
- Q.37 When the loss on selling a watch for 1285 is 265, the cost price of the watch is
- 1550
  - 1020
  - 1430
- Q.38 Cubic measures
- Volume
  - Area
  - Weight
- Q.39 Reciprocal of  $\frac{14}{37}$  is
- $\frac{2}{8}$
  - $\frac{37}{14}$
  - $\frac{28}{37}$
  - $\frac{10}{12}$
- Q.40 The roman numeral D represents.
- 100
  - 500
  - 1000
  - 400

# GEM (GENIUS EXAM OF MATHEMATICS)



1<sup>st</sup> Level Exam  
ANSWER SHEET

Write your name in CAPITAL LETTER


Fill one Correct Option in answer Sheet.

Ans. 1		Ans. 11		Ans. 21		Ans. 31	
Ans. 2		Ans. 12		Ans. 22		Ans. 32	
Ans. 3		Ans. 13		Ans. 23		Ans. 33	
Ans. 4		Ans. 14		Ans. 24		Ans. 34	
Ans. 5		Ans. 15		Ans. 25		Ans. 35	
Ans. 6		Ans. 16		Ans. 26		Ans. 36	
Ans. 7		Ans. 17		Ans. 27		Ans. 37	
Ans. 8		Ans. 18		Ans. 28		Ans. 38	
Ans. 9		Ans. 19		Ans. 29		Ans. 39	
Ans. 10		Ans. 20		Ans. 30		Ans. 40	