



**GEM** (GENIUS EXAM OF MATHS)

2<sup>nd</sup> Level Exam













**CLASS**  
**1**





<b>Maximum Marks :</b> 100	<b>Duration :</b> 90 Minutes	<b>Total Question :</b> 50
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**INSTRUCTION FOR THE CANDIDATES**

- GEM exam is of 90 minutes duration
- There are 50 questions in the test. Each question has only one option as CORRECT.
- For filling up information about yourself on answer sheet.
- Each question of carries 2 marks.
- All the question are compulsory and there is no negative marking.
- Use of calculator, mobile phone & any electronic gadgets is NOT allowed.
- Write any one correct option in answer sheet.

- Q.33  $\square - 10 = 40$   
a) 60                      b) 70  
c) 50                      d) 500
- Q.34 A cube has ..... corners.  
a) 4                        b) 8  
c) 6                        d) 12
- Q.35 Smallest number with digit 4, 9, 2 is  
a) 492                    b) 942  
c) 294                    d) 249
- Q.36 What is the 12<sup>th</sup> letter of the alphabet?  
a) L                        b) M  
c) N                        d) K
- Q.37 What is the numeral of forty three?  
a) 45                      b) 43  
c) 34                      d) 54
- Q.38 What is 6 tens and 3 ones?  
a) 33                      b) 36  
c) 24                      d) 63
- Q.39 Which month dose come before January?  
a) October                b) November  
c) December             d) June
- Q.40 When we can see stars in the sky we call it .....  
a) Morning                b) Noon  
c) Night                    d) None of these
- Q.41 The position of R in THREE is  
a) First                    b) Second  
c) Third                    d) Fifth
- Q.42 999 is equal to  
a) 900+90+9            b) 900+90  
c) 900+9                d) 90+90
- Q.43 If today is Saturday, Day after tomorrow will be .....  
a) Sunday                b) Monday  
c) Saturday              d) Tuesday

- Q.44 Independence day falls in the month of  
a) September            b) October  
c) November            d) August
- Q.45 77 comes in between ..... and .....  
a) 56, 58                b) 66, 68  
c) 76, 78                d) 86, 88
- Q.46 The minute hand is at 12. The hour hand is at 8. The time is .....  
a) 12 O' Clock            b) 3 O' Clock  
c) 8 O' Clock             d) 4 O' Clock
- Q.47 Is 8 an ordinal number?  
a) Yes                    b) No  
c) None                    d) All of these
- Q.48 Which is the correct spelling of Second month of the year?  
a) Febaury                b) February  
c) Feburary              d) February
- Q. 49 Which on of the following will you use to hold water?  
a)                       b)   
c)                       d) 
- Q.50 Match the shape in Column (A) with the object in Column (B).  
Column (A)                      Column (B)
- |   |   |
|---|---|
| 1.  |  |
| 2.  |  |
| 3.  |  |
| 4.  |  |
- a) 1→b, 2→a, 3→d, 4→c  
b) 1→b, 2→d, 3→a, 4→c  
c) 1→b, 2→d, 3→c, 4→a  
d) 1→c, 2→d, 3→a, 4→b

- Q.1 Find the value of \* in 25, 20, 15, \*, 5  
 a) 11                      b) 10  
 c) 16                      d) 18
- Q.2 Which is Correct?  
 a) 110-ten  
 b) 50-Fifty  
 c) 150-one hundred five  
 d) 100-one hundred one
- Q.3 In a number, first digit from right is called.....  
 a) Tens                      b) Ones  
 c) None                      d) All of these
- Q.4 4 group of 10 = .....?  
 a) 10                      b) 50  
 c) 14                      d) 40
- Q.5 I have 4 books in my bag and 3 in my hand. What is the total number of books with me?  
 a) 4                      b) 7  
 c) 5                      d) 8
- Q.6  $\square + 8 = 8$   
 a) 1                      b) 0  
 c) 2                      d) 8
- Q.7  $9 - \square = 3$   
 a) 9                      b) 3  
 c) 6                      d) 12
- Q.8  $8+6+4-6 = \square$   
 a) 12                      b) 11  
 c) 10                      d) 8
- Q.9 There are two different clocks given in each option. Clocks of which of the options show the same time?  
 a)  6:10    b)  4:15  
 c)  10:05    d)  8:45

- Q.10 Which on of the following pair of number is not equal?  
 a) 3 and 03                      b) 03 and 3  
 c) 30 and 03                      d) 003 and 03
- Q.11 3 Five rupees notes make .....  
 a) Rs. 20                      b) Rs. 15  
 c) Rs. 10                      d) Rs. 30
- Q.12 8 ones + 5 ones is same as 5 ones + ?  
 a) 7 ones                      b) 5 ones  
 c) 8 ones                      d) 6 ones
- Q.13  $\leftarrow \uparrow \Rightarrow \uparrow \Rightarrow \dots\dots\dots$   
 a)  $\Rightarrow$                       b)  $\downarrow$   
 c)  $\uparrow$                       d)  $\leftarrow$
- Q.14 Find the correct way to count by 3s.  
 a) 

2	4	6	8	10
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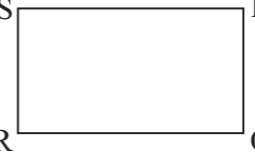
    b) 





2	6	9	10	12
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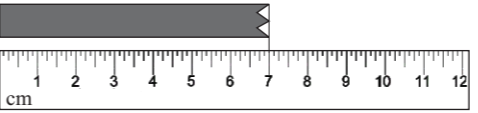
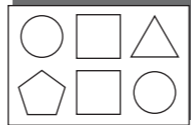
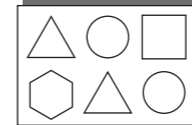
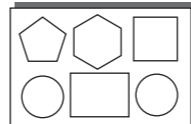
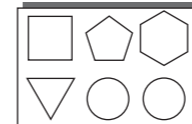
  
 c) 


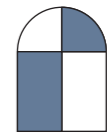
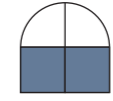

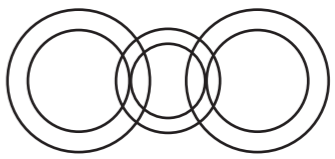
3	6	8	12	15
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    d) 

3	6	9	12	15
---	---	---	----	----
- Q.15 1 lt = ..... ml.  
 a) 10                      b) 100  
 c) 1000                      d) 1
- Q.16  Which is length?  
 a) RS                      b) QS  
 c) PR                      d) QR
- Q.17 to 18 Following pictograph shows that students of one class are like subjects. Give the answer of the questions?  

Subject	Students
English	
Maths	
Hindi	
E.V.S.	
- Q.17 How many student like English?  
 a) 8                      b) 7  
 c) 6                      d) 5

- Q.18 Which two numbers come in between?  
 79 ? ? 82  
 a) 77 and 78                      b) 80 and 81  
 c) 81 and 83                      d) 79 and 80
- Q.19 What is the measure of the length of the given ribbon to the nearest centimetres?  
 Ribbon  
  
 a) 5 centimetres                      b) 6 centimetres  
 c) 7 centimetres                      d) 8 centimetres
- Q. 20 What is the 6<sup>th</sup> months of year?  
 a) July                      b) June  
 c) April                      d) September
- Q.21 On which one of the following boards, no triangle was drawn?  
 a)     b)   
 c)     d) 
- Q.22 How many side in circle?  
 a) 1                      b) No sides  
 c) 3                      d) 4
- Q.23 How many paisa in 5 rupee?  
 a) 250 paisa                      b) 500 paisa  
 c) 100 paisa                      d) 5000 paisa
- Q.24 Watermelon is ..... than lemon.  
 a) Heavier                      b) Lighter  
 c) Same                      d) All of these

- Q.25 Find the odd one out.  
 a)     b)   
 c)     d) 
- Q.26 One less than 10 is  
 a) 1                      b) 0  
 c) 9                      d) 11
- Q.27 Put sign 76  $\square$  67  
 a) >                      b) <  
 c) =                      d) ^
- Q.28 Write the next number of pattern, 5, 25, 45, .....  
 a) 35                      b) 65  
 c) 55                      d) 50
- Q.29  $5+5+5+5+5+5 = \square \times 5$   
 a) 7                      b) 6  
 c) 8                      d) 5
- Q.30 How many circles are there in the given figure?  
  
 a) 4                      b) 6  
 c) 5                      d) 8
- Q.31 Six chairs around a dining table will have ..... legs ( $6 \times 4 = \square$ )  
 a) 24                      b) 25  
 c) 26                      d) 10
- Q.32 In 326 the place of 3 is  
 a) Ones                      b) Hundreds  
 c) Tens                      d) 300



**GEM** (GENIUS EXAM OF MATHS)

- Q.36 How many years in decade?  
 a) 90                      b) 100  
 c) 10                      d) 1000
- Q.37 Ordinal number 4 is written as  
 a) Forth                      b) Fourth  
 c) Furth                      d) None of these
- Q.38 July is the ..... month of the year.  
 a) Sixth                      b) Seventh  
 c) Fourth                      d) Ninth
- Q.39 9 cars have ..... wheels.  
 a) 36                      b) 28  
 c) 42                      d) 32
- Q.40  $9999 + 1 = \dots\dots\dots$   
 a) 999                      b) 99999  
 c) 9000                      d) 10000
- Q.41 Which one of the following is in ascending order of the numbers given below?  
 13, 14, 19, 11
- a) b) c) d)
- Q.42 If today is Saturday : Day before yesterday was .....  
 a) Sunday                      b) Friday  
 c) Monday                      d) Wednesday
- Q.43 What is the shapes of the page you are working on?  
 a) Square                      b) Rectangle  
 c) Circle                      d) None of these
- Q.44 The christmas falls in the month of .....  
 a) November                      b) September  
 c) December                      d) March

- Q.45 Which one of the following clocks shows 2 hours before 7 o'clock?  
 a) b)   
 c) d)
- Q.46 How many squares are there in the given figure?  
  
 a) 7                      b) 8  
 c) 9                      d) 10
- Q.47 Which shape has no edges?  
 a) Square                      b) Rectangle  
 c) Triangle                      d) Circle
- | Q.48 to 50 | Flavour (ice-cream) | No. of cones |
|------------|---------------------|--------------|
|            | Strawberry          | 50           |
|            | Vanilla             | 25           |
|            | Mango               | 35           |
|            | Chocolate           | 45           |
- Q.48 Which ice-cream least popular?  
 a) Strawberry                      b) Vanilla  
 c) Mango                      d) Chocolate
- Q. 49 Total sell of Mango and Chocolate cones.  
 a) 80                      b) 40  
 c) 70                      d) 50
- Q.50 Which flavour is most popular?  
 a) Strawberry                      b) Vanilla  
 c) Mango                      d) Chocolate

2<sup>nd</sup> Level Exam

**CLASS**  
**2**

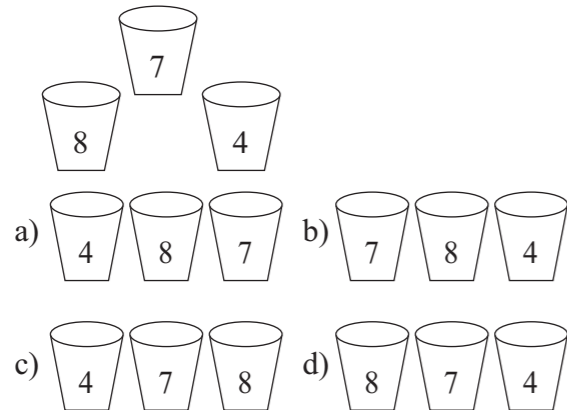
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- Q.1 Select the number which is correctly matched.  
 a) Three hundred on → 3001  
 b) Four hundred nine → 49  
 c) Two hundred fifty → 205  
 d) Five hundred eleven → 511

- Q.2 Arrange the numbered glasses to make the smallest possible three digit number.



- Q.3 Add 483 and 785  
 a) 1221                      b) 1168  
 c) 1268                      d) 1278

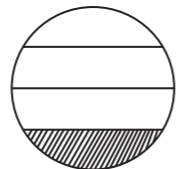
- Q.4 How much we get if 50 taken away from 350?  
 a) 300                      b) 350  
 c) 340                      d) 250

- Q.5 ..... x 35 = 0  
 a) 35                      b) 1  
 c) 0                      d) 11

- Q.6  $28 \div 7 = \dots\dots\dots$   
 a) 4                      b) 2  
 c) 5                      d) 3

- Q.7 Two halves make  $\frac{1}{2} + \frac{1}{2}$   
 a) 2                      b) 1  
 c) 3                      d) 0

- Q.8 What is the fraction for it?



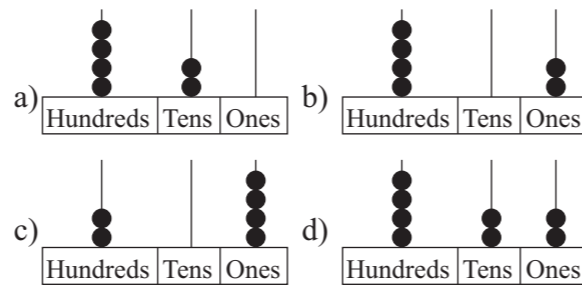
- a)  $\frac{2}{4}$                       b)  $\frac{1}{3}$   
 c)  $\frac{2}{3}$                       d)  $\frac{1}{4}$

- Q.9 Convert 500 cm in to m  
 a) 50                      b) 5  
 c) 4                      d) 500

- Q.10 45000g = ..... kg.  
 a) 45kg                      b) 48kg  
 c) 40kg                      d) 450kg

- Q.11 A cuboid has ..... faces.  
 a) 7                      b) 6  
 c) 4                      d) 5

- Q.12 Which one of the following abacuses represents one less than 403?



- Q.13 Quarter to five = .....  
 a) 4:40                      b) 4:15  
 c) 4:10                      d) 4:45

- Q.14 The day at present is called  
 a) Tomorrow                      b) Today  
 c) Yesterday                      d) Monday

- Q.15 Convert Rs. 300 into paise  
 a) 3 p.                      b) 3000 p.  
 c) 30000 p.                      d) None

- Q.16 How many Rs. 20 will make Rs. 100?  
 a) 6                      b) 5  
 c) 20                      d) None

- Q.17 2, 5, 8, 11, 14, .....  
 a) 18                      b) 17  
 c) 16                      d) 15

- Q.18 Which one of the following statement is correct?  
 a)  $6 + 2 = 3$                       b)  $6 - 2 = 3$   
 c)  $6 \div 2 = 3$                       d)  $6 \times 2 = 3$

- Q.19 How many lines can we draw from two dots?  
 a) 2                      b) 1  
 c) 3                      d) 4

- Q. 20 In addition the answer we obtain is called  
 a) Difference                      b) Sum  
 c) Product                      d) Division

- Q.21 How many digits in 1000.  
 a) 4                      b) 5  
 c) 6                      d) 3

- Q.22  $7 \div \square = 7$   
 a) 0                      b) 1  
 c) 7                      d) 49

- Q.23 When measure the small length we use .....  
 a) Centimetre                      b) Metre  
 c) Killometre                      d) Gram

- Q.24 One fourth is called a .....  
 a) Quarter                      b) Half  
 c) Whole                      d) Three quarter

- Q.25 When data collection is presented in the form of pictures. What is it called .....  
 a) Pattern                      b) Pictograph  
 c) Data collection                      d) None

- Q.26 40 more than 350 is .....  
 a) 350                      b) 360  
 c) 380                      d) 390

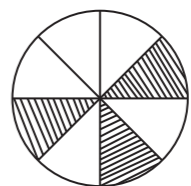
- Q.27 Table has a ..... surface  
 a) Curved                      b) None  
 c) Plane                      d) Cylinder

- Q.28 The symbol of Indian currency is .....  
 a) ₹                      b) Rs.  
 c) Rupee                      d) None of these

- Q.29 A girl has 2 legs : How many legs do 11 girls have?  
 a) 24                      b) 11  
 c) 13                      d) 22

- Q.30  $400 + 20 + 8$  is equal to .....  
 a) 400                      b) 420  
 c) 408                      d) 428

- Q.31 30 divided by 5 is equal to .....  
 a) 5                      b) 6  
 c) 180                      d) 36

- Q.32  Represent  
 a)  $\frac{3}{5}$                       b)  $\frac{3}{8}$   
 c)  $\frac{5}{8}$                       d)  $\frac{2}{8}$

- Q.33 The short form of kilometre is  
 a) km                      b) L  
 c) KG                      d) KL

- Q.34 In the number shown below, 9 is at its ..... place 3798  
 a) ones                      b) tens  
 c) hundreds                      d) thousands

- Q.35 If we add 1 to any even number we get .....  
 a) Even number                      b) odd number  
 c) 0                      d) None of these



**GEM** (GENIUS EXAM OF MATHS)

Q.40 What is the 15<sup>th</sup> letter of the alphabet?  
 a) L                      b) M  
 c) N                      d) O

Q.41 What do we call the day before today?  
 a) Today                b) Yesterday  
 c) Tomorrow          d) None of these

Q.42  $800 \square 200 = 600$   
 a) +                      b) -  
 c) x                      d) ÷

Q.43 How many baskets will contain 81 apples, if each basket contains 9 apples?  
 a) 9                      b) 10  
 c) 11                     d) 81

Q.44  $3450g = \dots\dots\dots kg$  and  $\dots\dots\dots g$ .  
 a) 34 kg 50 g          b) 345 kg 5 g  
 c) 3 kg 450 g          d) None of these

Q.45 How many number of items in 5 dozen?  
 a) 12                    b) 48  
 c) 40                    d) 60

Q.46 Is 72 is a multiple of 8?  
 a) Yes                    b) No  
 c) None                   d) All of these

Q.47 Six Eighth is written as .....

a)  $\frac{6}{8}$                       b)  $\frac{8}{6}$   
 c) 6                      d) 8

Q. 48 to 50	Favorite Colour	No. of Children
	Red	☺☺☺☺☺☺
	Blue	☺☺☺
	Green	☺☺☺☺
	Yellow	☺☺☺☺☺☺☺☺☺
	Orange	☺☺☺

☺ = 10 Children

Q.48 Which colour is most popular?  
 a) Red                    b) Blue  
 c) Green                d) Yellow

Q. 49 Total number children are .....

a) 230                    b) 300  
 c) 500                   d) 160

Q.50 How many children like yellow?  
 a) 7                      b) 60  
 c) 70                    d) 50

2<sup>nd</sup> Level Exam

**CLASS**  
**3**

Maximum Marks : 100	Duration : 90 Minutes	Total Question : 50
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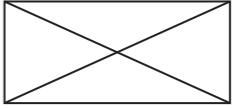
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- Q.1 Which is the correct face value of 3 in number 2345?  
a) 3000                      b) 300  
c) 3                              d) 40
- Q.2 Find the number which is not a factor of 2 & 3 both?  
a) 12                              b) 20  
c) 24                              d) 36
- Q.3  $4946 + \square = 6250 + 4946$   
a) 4946                      b) 6250  
c) 11196                      d) 6350
- Q.4 The estimated sum of 532 and 750.  
a) 1200                      b) 1300  
c) 1400                      d) 1250
- Q.5  $6 \times (8+2) = ?$   
a) 50                              b) 60  
c) 10                              d) 48
- Q.6 Multiplicand x Multiplier = .....  
a) Dividend                      b) Product  
c) Divisor                      d) None
- Q.7  $\square \div 372 = 1$   
a) 1                              b) 0  
c) 372                              d) 373
- Q.8 What is the remainder of division 4579 by 3?  
a) 10                              b) 0  
c) 1                              d) 20
- Q.9 Which are like fractions ?  
a)  $\frac{6}{7}, \frac{5}{8}, \frac{3}{5}$                       b)  $\frac{3}{9}, \frac{4}{9}, \frac{7}{9}$   
c)  $\frac{2}{3}, \frac{4}{6}, \frac{8}{8}$                       d)  $\frac{1}{9}, \frac{2}{10}, \frac{3}{5}$
- Q.10 What is the fraction of  $\frac{1}{4}$  of 32?  
a)  $\frac{1}{3}$                               b) 5  
c) 8                              d) 6

- Q.11 4 hrs. = ..... minutes  
a) 36                              b) 240  
c) 360                              d) 60
- Q.12 7 'O' clock in the night?  
a) 7 A.M.                      b) 7 P.M.  
c) 7 A.D.                      d) 7 B.C.
- Q.13 Cost of 1 cup is Rs. 31.75 Which is the cost of 10 cups?  
a) Rs. 317.50                      b) Rs. 3.175  
c) Rs. 3175.00                      d) Rs. 300
- Q.14 Unit for measurement of mass is .....  
a) Metre                              b) Centimetres  
c) Kilograms                      d) Ml
- Q.15 How many vertices in cone?  
a) 2                              b) 6  
c) 1                              d) 0
- Q.16 710, 610, 510, ....., .....  
a) 400, 300                      b) 410, 310  
c) 310, 410                      d) 110, 210
- Q.17 Identify the new words that can be formed using the letter of this word SPARROW?  
a) PARROT                      b) TOMORROW  
c) SOAP                              d) NARROW
- Q.18 If FAN is coded GBO, then how is CAT coded  
a) BGO                              b) DBW  
c) OGB                              d) BOG
- Q.19  $V + IX = \square$   
a) 15                              b) 14  
c) 13                              d) 17
- Q.20 The smallest 5 digit number is  
a) 99999                      b) 1000  
c) 10000                      d) 90000

- Q.21 Dividend = Divisor x Quotient +  $\square$   
a) Divide                      b) Remainder  
c) Multiply                      d) Product
- Q.22 In subtraction the answer we obtain is called.  
a) Difference                      b) Product  
c) Sum                              d) Divisor
- Q.23 When we multiply any number with 1 we get.  
a) 0                              b) 1  
c) Itself                              d) None of these
- Q.24 Multiply 6 ten by 4 is  
a) 24                              b) 46  
c) 460                              d) 240
- Q.25  $888 \div 8 = 111$  Which number is divisor?  
a) 888                              b) 88  
c) 111                              d) 118
- Q.26 What number comes before 800  
a) 799                              b) 801  
c) 709                              d) 899
- Q.27 How many weeks in a 3 month?  
a) 12                              b) 15  
c) 6                              d) 6
- Q.28 Which Roman numeral cannot be repeated?  
a) I, L, C                              b) V, I, D  
c) X, L, M                              d) None of these
- Q.29  $\frac{1}{2}$  of 128 boxes =  $\square$  boxes  
a) 320                              b) 64  
c) 16                              d) 32
- Q.30 In which year 2000 note was introduced?  
a) 1999                              b) 2016  
c) 2010                              d) 2015

- Q.31 15 minutes to 10 is the same as  
a) 10:15                      b) 9.45  
c) 10:45                      d) None
- Q.32 How many week in a year?  
a) 52 weeks                      b) 53 weeks  
c) 50 weeks                      d) 54 weeks
- Q.33 How many triangles are there in the figure?  
 a) 3                              b) 2  
c) 5                              d) 4
- Q.34 How many times do we subtract 3 from 12 to get 0?  
a) 3                              b) 4  
c) 2                              d) 6
- Q.35  $22.25 = \dots\dots\dots$  paisa  
a) 2225                              b) 20225  
c) 22250                              d) 2200
- Q.36 A year which is exactly divisible by ..... is called a leap year.  
a) 2                              b) 3  
c) 4                              d) 5
- Q.37 10000 is ..... more than 9999  
a) 1                              b) 0  
c) 2                              d) 3
- Q.38 Reciprocal of  $\frac{3}{11}$  is .....  
a)  $\frac{11}{3}$                               b)  $\frac{3}{7}$   
c)  $\frac{3}{11}$                               d) 1
- Q.39 How many marks in a clock?  
a) 11                              b) 12  
c) 10                              d) 15

- Q.38  $328 \times 37 = \square$   
 a) 13136                      b) 12236  
 c) 12136                      d) 12000
- Q.39 Find the values of P and Q in the pattern given below and then find the value of Q-P.  

- a) 88                              b) 90  
 c) 92                              d) 93
- Q.40 A combination of a whole number and proper fraction is called ..... fraction.  
 a) Unit                              b) Proper  
 c) Mixed                              d) Like
- Q.41 Meeting point of two adjacent side of a polygon is called its .....  
 a) Vertex                              b) Sides  
 c) Chord                              d) Radius
- Q.42 In one row, there are 95 mango trees. Then the number of trees in 50 such rows is .....  
 a) 4750                              b) 4550  
 c) 4600                              d) 4450
- Q.43 Multiply 6 ten by 3 is .....  
 a) 18                              b) 90  
 c) 180                              d) 9
- Q.44 When we change the order of the number the product remains.  
 a) Same                              b) 1  
 c) 0                              d) None of these
- Q.45 The sum of an even number and one odd number is .....  
 a) odd number                              b) Even number  
 c) Zero                              d) None

- Q.46 Write the Roman numerals 97 is  
 a) LC                              b) IIIC  
 c) XCVII                              d) CIII
- Q.47 1:15 means .....  
 a) Quarter Past 1                              b) Quarter to 1  
 c) Half past 1                              d) Quarter past 15
- Q.48 In letter 'A' the number of symmetric line is .....  
 a) 1                              b) 2  
 c) 3                              d) 4
- Q. 49 to 50 The pictograph shows that students present in a class for a week.  

Days	Number of students
Monday	☺☺☺☺☺☺
Tuesday	☺☺☺☺☺
Wednesday	☺☺☺☺
Thursday	☺☺☺
Friday	☺☺

 1☺ = 10 student
- Q. 49 The maximum number of students took leave on .....  
 a) Wednesday                              b) Monday  
 c) Friday                              d) Thursday
- Q.50 On Tuesday number of students present are ....  
 a) 5                              b) 50  
 c) 3                              d) 30



**GEM** (GENIUS EXAM OF MATHS)

2<sup>nd</sup> Level Exam

**CLASS**  
**4**

<b>Maximum Marks :</b> 100	<b>Duration :</b> 90 Minutes	<b>Total Question :</b> 50
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**INSTRUCTION FOR THE CANDIDATES**

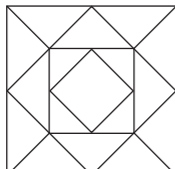
- GEM exam is of 90 minutes duration
- There are 50 questions in the test. Each question has only one option as CORRECT.
- For filling up information about yourself on answer sheet.
- Each question of carries 2 marks.
- All the question are compulsory and there is no negative marking.
- Use of calculator, mobile phone & any electronic gadgets is NOT allowed.
- Write any one correct option in answer sheet.

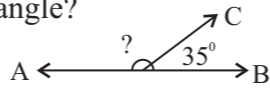






**GEM** (GENIUS EXAM OF MATHS)

- Q.35 The HCF of 48, 32 and 96 is  
 a) 18                      b) 16  
 c) 36                      d) 48
- Q.36  $CDI + V + C + X$  is equal to .....
- Q.37 The difference of greatest 7 digit number and the smallest 5 digit number is
- Q.38 How many more triangles than squares are there in the given figure?
- 
- Q.39 The value of  $(350 \div 7) \div 5 \times 2 + 48 \div 4 - 16$  is .....
- Q.40 A bus travels 126km in 3 hours and train travels 315km in 5 hours. The ratio of their speed is .....
- Q.41 Simplify :  $4\frac{3}{5} - 2\frac{7}{5}$
- Q.42 Reciprocal of  $\frac{14}{37}$  is

- Q.43 1080 pencils, 2160 pens and 1440 erasers are distributed equally among some students of a school with nothing leftover. When is the biggest possible number of the students?
- Q.44 What is the missing angle?
- 
- Q.45 A function ended at 7.10 p.m. If it was being held for 200 minutes, at what time did the function start?
- Q.46 The fraction corresponding to 0.0605 is .....
- Q.47 Compare 12.1280  12.129
- Q.48 If 2 chocolates cost Rs. 65 then 6 Chocolates will cost .....
- Q.49 The volume of a cube of side 3 cm is .....
- Q.50 = ..... %

2<sup>nd</sup> Level Exam

**CLASS**  
**5**

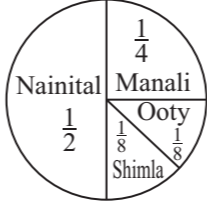
Maximum Marks : 100	Duration : 90 Minutes	Total Question : 50
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**INSTRUCTION FOR THE CANDIDATES**

- GEM exam is of 90 minutes duration
- There are 50 questions in the test. Each question has only one option as CORRECT.
- For filling up information about yourself on answer sheet.
- Each question of carries 2 marks.
- All the question are compulsory and there is no negative marking.
- Use of calculator, mobile phone & any electronic gadgets is NOT allowed.
- Write any one correct option in answer sheet.

- Q.1 XCV = .....  
 a) 90                      b) 105  
 c) 95                      d) 115
- Q.2 What is the sum of place value of 5 and face value of 4 in 305724?  
 a) 5040                      b) 5000  
 c) 5001                      d) 5004
- Q.3  $120403 + 565894 + 2362842 = \dots\dots\dots$   
 a) 3049139                      b) 3094193  
 c) 3409139                      d) 3409913
- Q.4  $\frac{5}{9}$  of  $9 + 2 \times 3 - 4$   
 a) 7                      b) 8  
 c) 6                      d) 9
- Q.5 Which one of the following numbers in *not* divisible by both 3 and 7?  
 a) 2961                      b) 3339  
 c) 3369                      d) 3591
- Q.6 What is 6<sup>th</sup> multiple of 13 ?  
 a) 78                      b) 19  
 c) 91                      d) 65
- Q.7  $\frac{9}{11}$  of 44  
 a) 30                      b) 36  
 c)  $\frac{9}{11}$                       d)  $\frac{44}{11}$
- Q.8 What is the equivalent fraction of  $\frac{5}{9}$  with numerator 35?  
 a)  $\frac{35}{40}$                       b)  $\frac{35}{45}$   
 c)  $\frac{35}{63}$                       d)  $\frac{35}{50}$
- Q.9  $\frac{302}{1000} = ?$   
 a) 0.0302                      b) 0.302  
 c) 30.2                      d) 3.02

- Q.10  $9.4 + 8.4 + 3.9 =$   
 a) 21.7                      b) 22.7  
 c) 21.06                      d) 2.17
- Q.11 Parallel lines never ..... each other  
 a) Slant                      b) Horizontal  
 c) Vertical                      d) Intersect
- Q.12 Which of the following can be angles of a triangle?  
 a)  $30^\circ, 60^\circ, 90^\circ$                       b)  $63^\circ, 37^\circ, \text{ and } 90^\circ$   
 c)  $80^\circ, 75^\circ, 46^\circ$                       d)  $65^\circ, 75^\circ \text{ and } 50^\circ$
- Q.13  $685\text{g } 80\text{mg} - 325\text{g } 289\text{mg}$   
 a) 3605.11g                      b) 3.60511g  
 c) 360.511g                      d) 460.511g
- Q.14  $74\text{m} = \dots\dots\dots \text{ km}$   
 a) 740                      b) 7.4  
 c) 0.74                      d) 0.074
- Q.15 Rs.  $38.5 \times 9 =$   
 a) Rs. 34.65                      b) Rs. 346.5  
 c) Rs. 340.5                      d) Rs. 3465
- Q.16 The number of months in a year that have 31 days are  
 a) 4                      b) 7  
 c) 8                      d) 6
- Q.17 What is the area of rectangle. Whose L = 18m and B = 12m?  
 a) 216cm                      b) 361m  
 c) 216m                      d) 261m
- Q.18 Saloni has a gift box of length 28cm, breadth 16cm and height 12cm. What is its volume?  
 a)  $5736 \text{ cm}^3$                       b)  $5673 \text{ cm}^3$   
 c)  $5376 \text{ cm}^3$                       d)  $6735 \text{ cm}^3$
- Q.19 The ratio of H.C.F. and L.C.M. of the numbers 36 and 132 is :  
 a) 3:11                      b) 1:32  
 c) 1:33                      d) 2:33

- Q. 20 Roman Numeral for 479 is  
 a) CDLXXXI                      b) CCCCLXXIX  
 c) CDLXXIX                      d) CCCCLXXXI
- Q. 21 to 22 In this graph the choice of holiday destinations for 32 students of class V
- 
- Q.21 How many students like Ooty?  
 a) 8                      b) 16  
 c) 12                      d) 4
- Q.22 How many Students are like Manali?  
 a) 10                      b) 8  
 c) 12                      d) 16
- Q.23 The dimension of a box are 3cm x 5cm x 4cm. Its Volume is -----  
 a) 70 cu.cm                      b) 60 cu.cm  
 c) 90 cu.cm                      d) 80 cu.cm
- Q.24 If the cost price of 2 dozen copies is ₹120. Then the cost of 1 such copy is .....  
 a) ₹ 10                      b) ₹ 5  
 c) ₹ 15                      d) ₹ 12
- Q.25 16 out of 64 students were absent on Saturday. The fraction of students absent were  
 a)  $\frac{1}{2}$                       b)  $\frac{1}{4}$   
 c)  $\frac{1}{5}$                       d)  $\frac{2}{8}$
- Q.26 Which one is an example of unit fraction?  
 a)  $\frac{9}{11}$                       b)  $\frac{6}{7}$   
 c)  $\frac{1}{3}$                       d)  $\frac{70}{79}$

- Q.27  $6\frac{1}{7} + 1\frac{3}{14} = \dots\dots\dots$   
 a)  $7\frac{5}{14}$                       b)  $5\frac{1}{8}$   
 c)  $9\frac{7}{14}$                       d) None
- Q.28 If radius of a circle is 7cm. Then its circumference is .....  
 a) 58cm                      b) 61cm  
 c) 44cm                      d) 64cm
- Q.29 400kg = ..... quintals  
 a) 400                      b) 4  
 c) 4000                      d) None
- Q.30 956 minutes = .....  
 a) 15 Hours, 56 minutes  
 b) 20 Hours, 50 minutes  
 c) 10 Hours, 40 minutes  
 d) 21 Hours, 5 minutes
- Q.31  $4000008 - 2400209$   
 a) 1599099                      b) 1599790  
 c) 1599799                      d) 1599791
- Q.32 If quotient = 2738, remainder = 63, divisor = 67 dividend = ?  
 a) 275659                      b) 183509  
 c) 473269                      d) 276285
- Q.33 Place value of circled digit in number 936. ②43 is  
 a)  $\frac{2}{10}$                       b)  $\frac{2}{100}$   
 c) 20                      d) 2000
- Q.34 If cost of a book is 395. What will be the cost of 6248 such books?  
 a) 2467906                      b) 2567960  
 c) 2467960                      d) 2476960