G E M (GENIUS EXAM OF MATHS)

Maximum Marks : 50	Duration : 40 Minutes	Total Question : 25

INSTRUCTION FOR THE CANDIDATES

1. GEM exam is of 40 minutes duration
2. There are 25 questions in the test. Each question has only one option as CORRECT.
3. For filling up information about yourself on answer sheet.
4. Each question of carries 2 marks.
5. All the question are compulsory and there is no negative marking.
6. Use of calculator, mobile phone & any electronic gadgets is NOT allowed.
7. Write any one correct option in answer sheet.

Q.1 What comes just before 27?

a) 26   b) 25

c) 28   d) 27

Q.2 One more than 13 is ....

a) 12   b) 14

c) 11   d) 15

Q.3 In 167, 6 is stand for?

a) Hundred   b) Tens

c) Ones   d) Thousand

Q.4 Sixty nine = ... tens + ... Ones

a) 6,9   b) 9,6

c) 9,0   d) 6,0

Q.5 4 groups of 10 = ...

a) 10   b) 14

c) 50   d) 40

Q.6 When we add zero (0) to any number we get?

a) Same number   b) 0

c) Different number   d) 1

Q.7 Snake if .... than a mouse.

a) Same   b) Shorter

c) Longer   d) None

Q.8 5 Cars have .... Wheels.
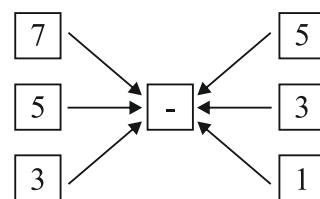
a) 20   b) 25

c) 10   d) 11

Q.9 4 crabs - 1 runs away = ... crabs left?

a) 1   b) 3

c) 0   d) 2

Q.10

a) 2   b) 1

c) 0   d) 3

Q.11 6 balloons are there 3 flew away, how many balloons are left?

a) 4   b) 2

c) 0   d) 3

Q.12 The Elephant if .... than the Monkey?

a) Same   b) Heavy

c) Light   d) None

Q.13 Choose the correct statement?

a) 5 is greater than 4

b) 4 is equal to 40

c) 10 is smaller than 9

d) 15 is greater than 16

Q.14

Which one is false?

a) 11>9   b) 8<9

c) 5<4   d) 6=6

Q.15 How many paise in 2 rupees?

a) 100 paise   b) 300 paise

c) 200 paise   d) 2 paise

Q.16 How many minutes in 1 hours?

a) 12   b) 30

c) 45   d) 60

Q.17 There are 7 days in a week. 3 weeks make .... days?

a) 20   b) 21

c) 22   d) 24

Q.18 In which shape apposite sides are equal?

a) Triangle   b) Square

c) Rectangle   d) None

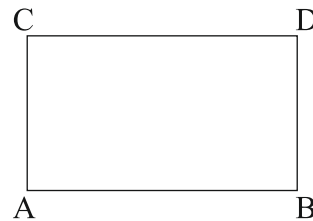Q.19 N И N И ....

a) И   b) N

c) Z   d) S

Q.20 Monday comes after ....

a) Sunday   b) Tuesday

c) Wednesday   d) Friday

Q.21 1 Kg = ... g

a) 10   b) 1000

c) 100   d) 1

Q.22 Which is the length?

a) AB   b) BC

c) AD   d) None

Q.23 to Q.24 Count the number of letters of fruits and give the answer?

FRUIT NAME

1. APPLE   2. ORANGE

3. PLUM   4. PAPAYA

5. MANGO   6. BANANA

Q.23 How many fruits with five letters?

a) 2   b) 3

c) 1   d) 4

Q.24 Total number of letters are

a) 31   b) 32

c) 33   d) 34

Q.25 The Republic Day falls in a month of ....

a) January   b) February

c) March   d) May

G E M (GENIUS EXAM OF MATHS)

Maximum Marks : 50	Duration : 40 Minutes	Total Question : 25

INSTRUCTION FOR THE CANDIDATES

1.   GEM exam is of 40 minutes duration
2.   There are 25 questions in the test. Each question has only one option as CORRECT.
3.   For filling up information about yourself on answer sheet.
4.   Each question of carries 2 marks.
5.   All the question are compulsory and there is no negative marking.
6.   Use of calculator, mobile phone & any electronic gadgets is NOT allowed.
7.   Write any one correct option in answer sheet.

Q.1   When we measure bigger lengths we use ....

a) Centimeter   b) Meter

c) Kilometer   d) None

Q.2   ☺ = 7, Which one is correct for 21 ?

a) ☺x☺   b) ☺+☺+☺

c) ☺x☺-☺   d) ☺

Q.3   A cuboid has .... faces.

a) 6   b) 8

c) 12   d) 7

Q.4   13kg 200g + 2600gm = ... kg .... gm

a) 39kg 200g   b) 15kg 800gm

c) 16kg   d) 17000gm

Q.5   24 sweets are divided equally among 6 boys.

a) 6   b) 24

c) 4   d) 10

Q.6   Quarter to three ....

a) 2:40   b) 2:15

c) 2:10   d) 2:45

Q.7   5 Weeks = ... days.

a) 12   b) 35

c) 17   d) 7

Q.8   Convert Rs. 17 into paise?

a) 17000 Paise   b) 1700 Paise

c) 1007 PAise   d) 17 Paise

Q.9   Which is odd in Pattern?

ABC XYZ MNO PRQ

a) ABC   b) XYZ

c) MNO   d) PRQ

Q.10   ABC = 123 and EFG = 456 then HIJ = ?
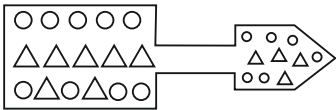
a) 567   b) 789

c) 101112   d) 456

Q.11 When we change the order of the number the product remain.

a) 0

b) 1

c) Same

d) All of these

Q.12 How many digits in 6001?

a) 1

b) 2

c) 3

d) 4

Q.13 How many circles re there in the figures?

a) 20

b) 15

c) 10

d) 25

Q.14 January + March + May = ... days

a) 92

b) 91

c) 93

d) 90

Q.15 7 tens + 13 tens + 9 ones = ... ones.

a) 209 ones

b) 130 ones

c) 29 ones

d) 2900 ones

Q.16 What is correct expanded for 906?

a) 900+00+6

b) 90+0+6

c) 900+60+0

d) 900+00+60

Q.17 Division is repeated ....

a) Addition

b) Subtraction

c) sum

d) None

Q.18 Correct fraction for
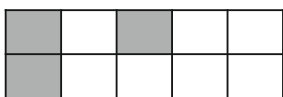
a) $\dfrac{3}{10}$

b) $\dfrac{10}{10}$

c) $\dfrac{7}{10}$

d) $\dfrac{4}{10}$

Q.19 When numbers are arranged from the biggest to the smallest are called?

a) even

b) odd

c) Ascending order

d) Descending order

Q.20 Divisor is 5, quotient is 128 and remainder is 3. Find the dividend?

a) 643

b) 443

c) 543

d) 640

Q.21 The distance between Dapoli to Rajapur

a) M

b) Km

c) Cm

d) L

Q.22 Q x Q = 81 $\therefore$ Q = ?

a) 5

b) 10

c) 9

d) 6

Q.23

Food items	No. of people
Vada pav	23
Pav Bhaji	17
Rice dal	31

How many people like Rice dal?
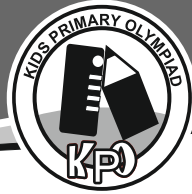
a) 31

b) 17

c) 23

d) 20

Q.24 In multiplication the answer we obtain is called

a) Product

b) Sum

c) Difference

d) None

Q.25 One Subtracting the sum of 40 + 15 from 125, We get ....?

a) 75

b) 70

c) 72

d) 75

G E M (GENIUS EXAM OF MATHS)

Maximum Marks : 50	Duration : 40 Minutes	Total Question : 25

INSTRUCTION FOR THE CANDIDATES

1. GEM exam is of 40 minutes duration
2. There are 25 questions in the test. Each question has only one option as CORRECT.
3. For filling up information about yourself on answer sheet.
4. Each question of carries 2 marks.
5. All the question are compulsory and there is no negative marking.
6. Use of calculator, mobile phone & any electronic gadgets is NOT allowed.
7. Write any one correct option in answer sheet.

Q.1 Tick the correct symbol for 9267 .... 9276 ?

a) >   b) <

c) =   d) None

Q.2 How many prime numbers are there in between 10 to 30?
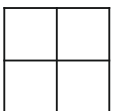
a) 4   b) 5

c) 6   d) 8

Q.3 A note book has 42 pages. How many pages are there in 3 note books?

a) 50   b) 126

c) 115   d) 100

Q.4 How will you write the time for the day 2:30 a.m./p.m.

a) a.m.   b) p.m.

c) None   d) m.a.

Q.5 How many squares are there in the figure?

a) 1   b) 5

c) 4   d) 6

Q.6 The Roman numeral for 24 is

a) XXIV   b) XXXIIII

c) XXVI   d) XXIII

Q.7 6550g = ...

a) 6550kg   b) 6kg 550g

c) 65kg 50g   d) 655kg 0g

Q.8 80 water bottles are divided equally among 10 children.

a) 7   b) 6

c) 8   d) 9

Q.9 3 weeks make .... days.

a) 20   b) 25

c) 21   d) 24

Q.10 What is the estimated sum of 38 and 59?

a) 97   b) 100

c) 90   d) 80

Q.11 Which one is wrong?

a) 5x6=30   b) 2x8=16

c) 3x4=15   d) 4x2=8

Q.12 How many paisa in 4 Rupees?

a) 100 paisa   b) 400 paisa

c) 200 paisa   d) 4000 paisa

Q.13 First working day of the week is ....

a) Saturday   b) Monday

c) Sunday   d) Tuesday

Q.14 7 x (4+5) = ?

a) 36   b) 63

c) 60   d) 70

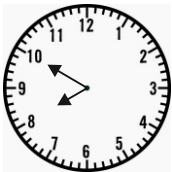Q.15 What is the quotient of 64÷8?

a) 8   b) 64

c) 0   d) 4

Q.16 .... is like fraction of 6/8

a) $\frac{1}{3}$ b) $\frac{3}{4}$

c) $\frac{8}{6}$ d) $\frac{2}{8}$

Q.17 4 hrs = minutes

a) 24   b) 204

c) 240   d) 12

Q.18

a) 20 minutes to 10   b) Quarter to 9

c) 10 minutes to 8   d) 5 minutes to 11

Q.19 2 years 2 months = ... month

a) 24   b) 26

c) 28   d) 27

Q.20 2400 p = ...

a) Rs. 24.00   b) Rs. 240

c) Rs. 2400   d) Rs. 204

Q.21 Length of a book is measured in ....

a) km   b) cm

c) m   d) L

Q.22 Tick the line segment in following.

a)   b)

c)   d) •

Q.23 Find the next pair

AP BQ CR DS ?

a) TF   b) GT
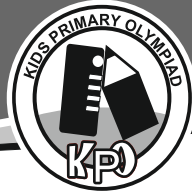
c) ET   d) MO

Q.24 Which ball is odd one?

a) 546   b) 753

c) 645   d) 481

Q.25 What is the predecessor of 392?

a) 390   b) 393

c) 391   d) 394

G E M (GENIUS EXAM OF MATHS)

Maximum Marks : 50	Duration : 40 Minutes	Total Question : 25

INSTRUCTION FOR THE CANDIDATES

1. GEM exam is of 40 minutes duration
2. There are 25 questions in the test. Each question has only one option as CORRECT.
3. For filling up information about yourself on answer sheet.
4. Each question of carries 2 marks.
5. All the question are compulsory and there is no negative marking.
6. Use of calculator, mobile phone & any electronic gadgets is NOT allowed.
7. Write any one correct option in answer sheet.

Q.1 The largest 5 digit number is ....

a) 9999   b) 99999

c) 99   d) 10000

Q.2 The face value of 9 in 9532 is ....?

a) 9000   b) 9

c) 90   d) 900

Q.3 Rounding off 3150 to nearest 100?

a) 3100   b) 3200

c) 3250   d) 3000

Q.4 Whose difference is 91?

a) 333, 127   b) 424, 333

c) 629, 424   d) 333, 420

Q.5 $10456 + 2347 = $ ....?

a) 12803   b) 12800

c) 12810   d) 12000

Q.6 The product of any number and 1 is ....

a) 0   b) 1

c) Itself   d) 10

Q.7 The number which is exactly divisible by 5.

a) 3242   b) 8251

c) 8255   d) 4146

Q.8 .... is the smallest composite number.

a) 4   b) 5

c) 6   d) 2

Q.9 $2411 \times $ .... $= 241100$

a) 10   b) 100

c) 1000   d) 10,000

Q.10 54 is a .... of 6 and 9.

a) Factor   b) Multiple

c) Odd number   d) Prime

Q.11 The L.C.M. of 12 and 13 is

    a) 12   b) 13

    c) 12x13   d) 0

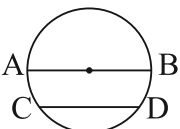**Q.12** $\dfrac{2}{5} = \dfrac{?}{10}$

    a) 3   b) 0

    c) 4   d) 2

Q.13 $\dfrac{1}{9}$ of $36 = \boxed{}$

    a) 5   b) 3

    c) 4   d) 0

Q.14 In a circle the number of symetric lines is ....

    a) 6   b) 5

    c) countless   d) 0

Q.15 $AB = \dots\dots\dots$ of the circle.

    a) Radius   b) Centre

    c) Diameter   d) Chord

Q.16 How many kg in 1 quintal?

    a) 1000kg   b) 10kg

    c) 100kg   d) 1kg

Q.17 The Roman numeral D. represents ....

    a) 50   b) 100

    c) 500   d) 1000

Q.18 Tanuja bought 32m of red ribbon. She used 18m 75cm in her dress. How much ribbon is left?

    a) 13m 25cm   b) 49m 75cm

    c) 50m 15cm   d) 50m

Q.19 What is the side of square whose perimeter is 88 cm?

    a) 11cm   b) 22cm

    c) 20cm   d) 24m

Q.20 Reciprocal of 5/7 is ......

    a) 1   b) $\dfrac{5}{7}$

    c) $\dfrac{8}{5}$ d) $\dfrac{7}{5}$

Q.21 Akshay comes bak from office at 6:30 p.m. or .... every day.

    a) 12:30   b) 18:30

    c) 18:00   d) 18:20

Q.22 Count the number of days between the dates 15th May and 14th June?

    a) 30   b) 34

    c) 35   d) 36

Q.23 Predecessor of 6305 is ....

    a) 6301   b) 6306

    c) 6304   d) 6302

Q.24 Farhan bought a book for Rs. 258.50 and he gave Rs. 500 to the shopkeeper. How much money did he get back?

    a) Rs. 242.50   b) Rs. 241.50

    c) Rs. 240.50   d) Rs. 250.60

Q.25 The pictograph show that students present in a class for a week.

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

1 ☺ = 10 Student

The maximum number of students took leave on ....

    a) Wednesday   b) Monday

    c) Friday   d) Thursday

G E M (GENIUS EXAM OF MATHS)

Maximum Marks : 50	Duration : 40 Minutes	Total Question : 25

INSTRUCTION FOR THE CANDIDATES

1. GEM exam is of 40 minutes duration
2. There are 25 questions in the test. Each question has only one option as CORRECT.
3. For filling up information about yourself on answer sheet.
4. Each question of carries 2 marks.
5. All the question are compulsory and there is no negative marking.
6. Use of calculator, mobile phone & any electronic gadgets is NOT allowed.
7. Write any one correct option in answer sheet.

Q.1 Which of the following alternative is correct?

a) $203001 = 2+3+1$

b) $70069 = 60+9+70000$

c) $30025 = 3+20+1000+5$

d) $450006 = 6+40000+50000$

Q.2 $6000 - 5001 = ?$

a) 1999   b) 989

c) 1009   d) 999

Q.3 50 units x 6 Hundreds means how many?

a) 3 TH   b) 30 TH

c) 30 H   d) 300 TH

Q.4 $3563 \div 7 = ?$

a) 590   b) 59

c) 509   d) 519

Q.5 Which is the lowest form of $\frac{95}{114} = ?$
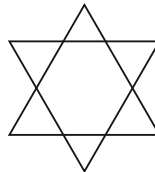
a) $\frac{4}{5}$ b) $\frac{5}{8}$

c) $\frac{5}{6}$ d) $\frac{6}{5}$

Q.6 Which of the fractions is the smallest?

$$\frac{3}{4}, \frac{5}{8}, \frac{11}{16}, \frac{27}{32}$$

a) $\frac{3}{4}$ b) $\frac{5}{8}$
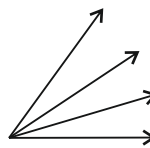
c) $\frac{11}{16}$ d) $\frac{27}{32}$

Q.7 How many triangles are in the given figure?

a) 6   b) 7

c) 8   d) 10

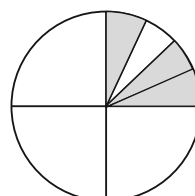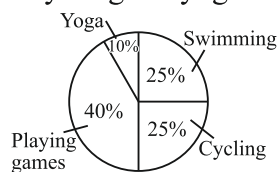Q.8 How many acute angle are there in the figure?

a) 6   b) 9

c) 8   d) 10

Q.9 What fraction is represented by unshaded portion of the adjoining figure?

a) $\frac{13}{16}$ b) $\frac{3}{16}$

c) $\frac{3}{13}$ d) $\frac{16}{13}$

Q.10 What is the total percentage of Children who like cycling and yoga?

a) 50% b) 65%

c) 35% d) 40%

Q.11 3030 papers = ... Quire?

a) 128 quire b) 127 quire

c) 126 quire d) 125 quire

Q.12 16x35 + 35x41-7x35=?

a) 1500 b) 1750

c) 1650 d) 1850

Q.13 How many times $\dfrac{2}{7}$ is to be added in a $\dfrac{1}{7}$ to get 3?

a) 8 times b) 12 times

c) 20 times d) 10 times

Q.14 5x1+7x10+4x10000+6x100+8x1000=?

a) 84675 b) 48675

c) 46785 d) 48765

Q.15 A train is going to depart at 9:05 which was supposed to depart at 7:25. By how much minutes will the train be late to depart?

a) 100 min b) 160 min

c) 140 min d) None

Q.16 When Indrayani read 70 page of book she completed $\dfrac{5}{11}$ part of the book. The how many of the book still left to read?

a) 154 b) 94

c) 90 d) 84

Q.17 Which of the following is not a multiple of 17?

a) 204 b) 136

c) 187 d) 107

Q-18 If 4a+3=15, then find the value of '2a'.

a) 9 b) 3

c) 6 d) 5

Q.19 6.50 litre of milk is distributed among 65 students, out of which 30 are boys and rest are girls. Find the quantity of milk each girl will get?

a) 100 ml b) 320 ml

c) 200 ml d) 185 ml

Q.20 What percent is 0.062?
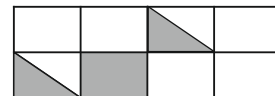
a) 0.062% b) 0.62%

c) 6.2% d) 62%

Q.21 A Shirt costs ₹ 12 more than a Belt. The total cost fo 2 such shirts and 5 such Belts was ₹164.
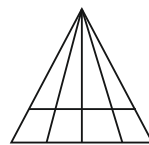
What is the cost of a Belt?

a) ₹ 20 b) ₹ 22

c) ₹ 32 d) ₹ 34

Q.22 What fraction of the figure is shaded?

a) $\dfrac{1}{4}$ b) $\dfrac{3}{8}$

c) $\dfrac{3}{14}$ d) $\dfrac{1}{3}$

Q.23 Find the total number of triangles in the given figure.

a) 20 b) 15

c) 10 d) 8

Q.24 At the rate of 5% p.a. S. I. on an amount will triple itself in how many years?

a) 35 years b) 15 years

c) 20 years d) 40 years

Q.25 Shravni bought 400 eggs for ₹2000. During transport, 50 eggs fell down and broke. She sold the rest of the egg at ₹6 eat. What profit did she make?

a) ₹100 b) ₹200

c) ₹60 d) ₹120