

50 Math Quiz Questions Answers - General Mathematics Multiple Choice Quizzes - q4quiz

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Online Mathematics Quiz with Answers

1. How many digits are there in Hindu-Arabic System?

- (a) 10
- (b) 20
- (c) 30
- (d) 40

Answer: A

2. Among the following which natural number has no predecessor?

- (a) 100
- (b) 200
- (c) 1
- (d) 0

Answer: C

3. Which among the following is the largest known number in the world?

- (a) ∞
 - (b) googol
 - (c) googolplex
 - (d) gram
- Answer: C

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4. What does 1 googol means?

- (a) 1 followed by hundred zeros
- (b) 1 followed by thousand zeros
- (c) 1 followed by ten thousand zeros
- (d) 1 followed by 1 lakh zeros

Answer: A

5. Among the following which whole number has no predecessor?

- (a) -1
- (b) 0
- (c) 1
- (d) e

Answer: B

6. Counting numbers are kept under _____ number.

- (a) Natural
- (b) Whole
- (c) Rational
- (d) Odd

Answer: A

7. An integer that is divisible by 2 is called:

- (a) Even number
- (b) Natural number
- (c) Odd number
- (d) Whole number

Answer: A

8. In which number system, there is no symbol for zero?

- (a) Hindu Arabic system
- (b) Roman
- (c) Egyptian
- (d) Mesopotamia

Answer: B

9. In Roman numerals M represents 1000, what does M represent?

- (a) 10,000
- (b) 50,000
- (c) 10,00,000
- (d) 500

Answer: C

10. What does D represent in Roman numeral system?

- (a) 100
- (b) 500
- (c) 1,000
- (d) 50

Answer: B

11. If 5 = V, How does 5,000 written in roman numeral system?

- (a) V
- (b) MMMMM
- (c) MX
- (d) VM

Answer: A

12. The whole number is denoted by _____.

- (a) N
- (b) R
- (c) W
- (d) Q

Answer: C

13. Rational number is represented by _____.

- (a) N
- (b) Z
- (c) R
- (d) Q

Answer: C

14. Integers are represented by _____.

- (a) W
- (b) Z

(c) N

(d) Q

Answer: B

15. All counting numbers, together with their negatives and zeros constitute the set of _____.

(a) Whole number

(b) Real number

(c) Integers

(d) Odd number

Answer: C

16. A number which is expressed as $a + ib$, where a and b are real are called:

(a) Rational number

(b) Irrational number

(c) Complex number

(d) Real number

Answer: C

17. An integer p which is not 0 or ± 1 and is divisible by no integer except ± 1 and itself is called:

(a) Rational number

(b) Perfect number

(c) Prime number

(d) Complex number

Answer: C

18. $p, p + 2, p + 4$ are called _____ if all numbers are primes.

(a) Pythagorean Triplet

(b) Prime Triplet

(c) Lucas number

(d) Fermat number

Answer: B

19. The cube root of 27 connected with units of angle measurement will produce _____ musical act?

(a) The Three Degrees

(b) The Square

(c) The Rule of Three

(d) Quadrilateral

Answer: A

20. A number only divisible by itself and one has inspired Joe Mac Anthony to title one of his works. What was the title of his work?

(a) Prime Target

(b) The Perfect Ten

(c) The Amicable

(d) The Pythagoras

Answer: A

21. Which of these could be either a circumference divided by π or a song written and recorded by David Bouie?

(a) The Tangents

(b) John of Arc

(c) In search of last chord

(d) The width of a circle

Answer: D

22. This number's irrationality property was first discovered by Pythagoras. What is its value?

(a) 2

(b) 3

(c) 5

(d) 7

Answer: A

23. Any number in the form of $2p - 1$, where p is a prime is known as:

(a) Dual Prime

(b) Goldbach Prime

(c) Mersenne Prime

(d) Golden Number

Answer: C

24. The sum of squares of first 7 prime number also satisfy the Lagrange's Four Square theorem which states that "Every positive integer can be expressed as the sum of four squares". What is the number I am talking about?

(a) 666

- (b) 484
- (c) 1089
- (d) 6178

Answer: A

25. There are only 2 numbers that are twice the sum of their individual digits; one of them is zero (0). What is the other one?

- (a) 18
- (b) 27
- (c) 45
- (d) 40

Answer: A

Mathematics Quiz – Free Quizzes & Questions Online

26. What is the number called located on the bottom part of a fraction?

- (a) Numerator
- (b) Denominator
- (c) Componendo
- (d) Ratio

Answer: B

27. What is XLII in Arabic Numerals?

- (a) 42
- (b) 52
- (c) 62
- (d) 12

Answer: A

28. What do you get if you divide the number of hours in a week by the sum of the sides of a triangle, and the number of natural satellites of the earth?

- (a) 14
- (b) 28
- (c) 42
- (d) 56

Answer: C

29. Which number has just 3 prime factors of 2, 3 and 7?

- (a) 18
- (b) 24
- (c) 52
- (d) 42

Answer: D

30. Multiply XXI by II and what result will you get in Roman number system?

- (a) XLII
- (b) XXIII
- (c) XXXXII
- (d) LXII

Answer: A

31. Which of the following number is an odd integer contains the digit 5, is divisible by 3 and lies between the square of 12 and 13?

- (a) 165
- (b) 175
- (c) 147
- (d) 185

Answer: A

32. The value of $e = 2.71828\dots$ is also known as:

- (a) Archimedes Number
- (b) Fermat Number
- (c) Euler's Number
- (d) Avagadro Number

Answer: C

33. The golden ratio is equivalent to 1.618... is denoted by a symbol Φ . What is the origin of this symbol?

- (a) Greek
- (b) Egypt
- (c) India
- (d) Arab

Answer: A

34. The golden ratio has been used by many architect in their structural plans for some famous buildings. Which of the following European

building has the Golden ratio with its dimension?

- (a) Parthenon
- (b) Eiffel Tower
- (c) Taj Mahal
- (d) Qutub Minar

Answer: A

35. Which of the following is not a Pythagorean triplet?

- (a) (3, 4, 5)
- (b) (7, 24, 25)
- (c) (11, 60, 61)
- (d) (9, 41, 42)

Answer: D

36. What number, a one followed by 100 zeros, was first used by 9 year old Mitton Sirota in 1940?

- (a) Googel
- (b) Googol
- (c) Golden
- (d) Round

Answer: B

37. What group of numbers does the letter 'i' represent?

- (a) Imaginary
- (b) Real
- (c) Perfect
- (d) Square

Answer: A

38. A number is called _____ if its number of factors and the sum of those factors are equal to perfect numbers.

- (a) Amicable number
- (b) Scalar
- (c) Sublime Number
- (d) Rational

Answer: C

39. A method of checking arithmetical calculation such as (+, −, ×, ÷) etc. is popularly known as :

- (a) Casting out Nines

- (b) ARLC Test
- (c) QED
- (d) Hopital Rule

Answer: A

40. Identify the number that cannot be used as a divisor:

- (a) ∞
- (b) -5
- (c) 0
- (d) 4

Answer: C

41. Any two consecutive primes which differ by 2 are known as

- (a) Twin Primes
- (b) Mersenne Prime
- (c) Goldbach Cayocture
- (d) Co-prime

Answer: A

42. Numbers having positive or negative sign is called _____.

- (a) Positive number
- (b) Directed number
- (c) Scalar
- (d) Prime

Answer: B

43. Besides 1, which of the following number is both squares and triangular number?

- (a) 25
- (b) 10
- (c) 36
- (d) 80

Answer: C

44. Which of the following is transcendental number?

- (a) e and π
- (b) i and e
- (c) Φ and Ψ
- (d) α and β

Answer: A

45. The famous Bakhshali manuscript was written in _____ script.

- (a) Devnagri
- (b) Sanskrit
- (c) Sarada
- (d) Brabmi

Answer: C

46. What is the value of Golden ratio which is made popular recently by the book the Da Vinci Code?

- (a) 1.414
- (b) 1.618
- (c) 1.723
- (d) 3.142

Answer: B

47. Palindromic numbers are numbers that read the same backwards as forwards. The word Palindrome comes from the Greek word Palindromes. What is its meaning?

- (a) Moving
- (b) Kicking
- (c) Running back again
- (d) Laughing

Answer: C

48. Which numbers appear in Don Brown's best selling novel 'The Da Vinci Code'?

- (a) Fermat number
- (b) Fibonacci number
- (c) Lucas number
- (d) Golden number

Answer: B

49. A system of notation that uses the base 3 instead of base 10 is called:

- (a) Binary system
- (b) Ternary system
- (c) Hex system
- (d) Octagonal system

Answer: B

50. A system of notation that uses the base 2 instead of base 10 is called:

- (a) Binary system
- (b) Ternary system
- (c) Hex system
- (d) Hexagonal system

Answer: B

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