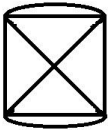
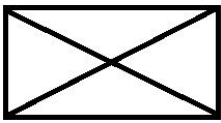


CLASS - VI

- 1) Number of primes between 1 to 100 is _____
 1) 26 2) 25 3) 24 4) 19
- 2) Birth date of Srinivasa Ramanujan _____
 1) 25 2) 22 3) 28 4) 24
- 3) $3 \times 3 - 3 + 3 \times 3 \div 3 - 3 =$ _____
 1) 8 2) 6 3) 5 4) 3
- 4) A monkey is climbing a tower of height 120 mts. It can climb 30 mt per hour but drop 20 mts. If it starts climbing tower at 8 AM , the time it reach the top is _
 1) 4 PM 2) 5 PM 3) 6 PM 4) 8 PM
- 5) Triangle with angles 70° , 70° , 50° is triangle.
 1) Isosceles 2) Acute angled 3) Scalene 4) None
- 6) Factorise $4^2 - 3^2 =$ _____
 1) 4 2) 7 3) 1 4) 12
- 7) How many half centimetre squares does it take to make one centimetre square ?
 1) 2 2) 5 3) 3 4) 4
- 8) Which of the following figure is unicursal
 1)  2)  3)  4) 
- 9) The wrong statement is ____
 1) $\frac{5}{9} > \frac{-3}{-8}$ 2) $\frac{5}{9} < \frac{-3}{-8}$ 3) $\frac{2}{-3} < \frac{-8}{-7}$ 4) $\frac{4}{-3} > \frac{-8}{7}$
- 10) One million million is called _____
 1) Trillion 2) Billion 3) 10 crores 4) 10 million
- 11) In a party the number of hand shakes took place is 44. How many people were present at the party
 1) 22 2) 42 3) 23 4) 10

- 12) If $a \parallel b$, $b \perp c$, $c \parallel d$ then _____
 1) $a \perp d$ 2) $c \parallel a$ 3) $d \parallel b$ 4) $d \parallel a$
- 13) The least number divisible by 15, 20, 24, 32 and 36 is
 1) 1440 2) 1660 3) 2880 4) None
- 14) Which letter comes next in the series k, m, p, t..... is
 1) w 2) u 3) x 4) y
- 15) If the sides of a triangle are (136, 68, 68) then the area of the triangle is _____
 1) 1236 2) 1000 3) No such triangle 4) 240
- 16) Sum and Product of which numbers is same _____
 1) 2, 3, 4 2) 1,2,3 3) 1,2,4 4) 0,1,2
- If $a = \frac{1}{b}$, $b = \frac{1}{c}$ and $c = \frac{7}{5}$ then $(a \times b) \times c$ _____
- 17) 1) 1 2) $\frac{5}{7}$ 3) $\frac{7}{5}$ 4) 0
- 18) If $1\frac{4}{5}$ is equal to $\frac{x^3}{15}$ then $2x =$ _____
 1) 6 2) 8 3) 9 4) 1
- If $\frac{1}{3\frac{1}{4}} + \frac{1}{4\frac{3}{5}} =$ _____
- 19) 1) $\frac{139}{269}$ 2) $\frac{141}{269}$ 3) $\frac{157}{299}$ 4) $\frac{437}{269}$
- 20) If $7 : x = 17.5 : 22.5$ then $x^2 =$ _____
 1) 196 2) 144 3) 256 4) 81
- 21) The branch of mathematics that studies pattern is called _____
 1) Angles 2) Geometry 3) Symmetry 4) None
- 22) When folded $\frac{1}{8}$ of circle, angle at the centre is _____ degrees.
 1) 40 2) 45 3) 50 4) 90

- 23) 5 digit number - 3 digit number gives a _____ number
 1) 5 digit 2) 4 digit 3) 3 digit 4) 2 digit
- 24) How much should be added to 457 to make it divisible by 11.
 1) 6 2) 4 3) 5 4) 7
- 25) The numbers 141, 565, 444, 373 are called _____ numbers.
 1) composite 2) Twin primes 3) Palindrome 4) Beast
- 26) Another name for information graphics is _____
 1) Infographics 2) Bar graph 3) Histogram 4) None
- 27) Number of multiples of 19 from 38 to 361 is _____
 1) 20 2) 17 3) 18 4) 19
- 28) Sum of composite numbers between 1 to 10 is _____
 1) 25 2) 28 3) 27 4) 21
- 29) In a code language GOOD - BAD = 34, BUS - CAR = 20 then
 BOOK - PEN =
 1) 10 2) 8 3) 12 4) 6
- 30) What is the fourth vowel alphabet
 1) d 2) f 3) w 4) o
- 31) $1^0 =$ _____ seconds
 1) 360 2) 100 3) 3600 4) 60
- 32) Some equidistant points on a number line are represented respectively by letters A,B,C , D.....S. If A = +20 and S = -16 then the value of (-8) is represented by the letter
 1) O 2) G 3) H 4) K
- 33) L. C. M and H. C. F of 12,16 is _____
 1) 48,4 2) 16,4 3) 20, 6 4) 10,2
- 34) $\left(\frac{1}{5} + \frac{3}{5} + \frac{1}{5}\right) + \left(\frac{2}{7} + \frac{1}{7} + \frac{3}{7} + \frac{1}{7}\right) =$ _____
 1) 3 2) 2 3) 7 4) 5

35) Which year is declared as “Year of Mathematics” by the Government of India.

- 1) 2015 2) 2020 3) 2012 4) 2016

36) Rational number which is not in standard form.....

- 1) $\frac{7-9}{5-3}$ 2) $\frac{2-2}{3+4}$ 3) $\frac{5-2}{3-7}$ 4) $\frac{2+5}{3+4}$

37) The Units digit in the product of 151 X 152 XX 159 is _____

- 1) 4 2) 6 3) 8 4) 0

38) $\frac{80 + 120 - 100}{40 + 60 - 100} = \text{---}$

- 1) 1 2) 6 3) 0 4) Not defined

L. C. M. of $\frac{2}{5}$, $\frac{3}{10}$ and $\frac{4}{15}$ is _____

39) 1) $\frac{13}{15}$ 2) $\frac{12}{5}$ 3) $\frac{11}{5}$ 4) $\frac{9}{5}$

If 40 % of 40 is 30 % of _____

40) 1) $\frac{153}{3}$ 2) $\frac{163}{3}$ 3) $\frac{160}{3}$ 4) $\frac{140}{3}$

41) Write $ac = bd$ as a proportion

- 1) $a : d = b : c$ 2) $a : c$ 3) $b : d$ 4) $a : c = b : d$

42) Three friends A, B, C distributed 152 marbles among themselves such that A has 20 marbles more than B and C has 15 marbles less than B. Number of marbles with A and C

- 1) 68, 33 2) 69, 34 3) 72, 27 4) 54, 29

43) Sum of first 10 odd numbers is _____

- 1) 105 2) 110 3) 100 4) 140

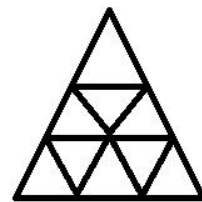
44) If $a = 3$ and $b = 2$ then $a^b + b^a = \text{---}$

- 1) 18 2) 17 3) 19 4) 15

45) If $12\frac{1}{2} \times 3\frac{3}{5} \div 1\frac{4}{5} = \text{---}$

- 1) 81 2) 45 3) 125 4) 25

- 46) Who is called Human Computer _____
 1) Sylvester 2) Shakuntala Devi 3) Bharati 4) John well
- 47) 4 Cats take 6 days to catch 12 mice. How many days will it take 6 Cats to catch 36 mice.
 1) 14 2) 18 3) 20 4) 12
- 48) 'XCIV' is equal to _____
 1) 94 2) 96 3) 95 4) 91
- 49) The relation $a + b = b + a$ where a, b are whole numbers is _____ property.
 1) Closure 2) Associative 3) Commutative 4) None
- 50) The smallest three digit number having three distinct digits is _____
 1) 123 2) 101 3) 201 4) 102
- 51) 1, 3, 6, 10, 15.....are called _____ numbers.
 1) Ordinal 2) Square 3) Triangular 4) Prime
- 52) Next number in the series 17, 18, 20, 23, 27, 32,is
 1) 36 2) 37 3) 38 4) 34
- 53) Number of squares in a chess board _____
 1) 204 2) 206 3) 208 4) 210
- 54) Arithmetic mean of $\frac{1}{2}$ and $\frac{1}{3}$ is _____
 1) $\frac{4}{7}$ 2) $\frac{6}{7}$ 3) $\frac{5}{12}$ 4) $\frac{7}{12}$
- 55) If $\frac{x}{2} - \frac{x}{3} = 4$ then the value of $x = \dots$
 1) 27 2) 24 3) 28 4) 22
- 56) Number of triangles in the given diagram is _____
 1) 9 2) 10
 3) 11 4) 13



57) The first Indian who elected for “Fellow of Royal Society”

- 1) C R Rao 2) Ramanujan 3) PC.Mahalanobis 4) CV Raman

58) What is the angle formed by the hands of a clock at 3.20 ?

- 1) 120° 2) 150° 3) 10° 4) 20°

59)  Number of line segments _____

- 1) 11 2) 12 3) 13 4) 10

60) If $A532B \times 71B = 32B15299$ what is A _____

- 1) 7 2) 4 3) 9 4) 3

