CLASS - VI

1. Raju worked on daily wages in the month of this year February. He did not attend for the 4 sundays and earned Rs.8750. His daily wage is Rs. .....
   1) 365 2) 350 3) 292 4) 282

2. A frog fell into a well of depth 30ft. It can climb 3ft. per minite but fall 2ft. next minute. Time taken by it to come out of the well and jump 15ft on the ground
   1) 55min 2) 60min 3) 30min 4) 29min

3. A thief escaped on a motor cycle at a speed of 60kmph. After two hours police noticed this and chased him on jeep with a speed of 80kmph. At what time they could catch the thief ?
   1) 3hrs. 2) 8hrs 3) 4hrs 4) 6hrs

4. If $\frac{p}{q} = 7$ then $\frac{p-q}{p+q} =$
   1) $\frac{2}{3}$ 2) $\frac{3}{4}$ 3) $\frac{1}{2}$ 4) can not find

5. The rule for 'Match stick pattern constructing squares' given number of match sticks = N, number of squares = S is
   1) N=2S+1 2) N=3S+1 3) S=2N+1 4)S= 3N+1

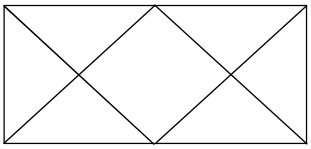
6. Some ducks are near a pond. Half of them are eating, one fourth are sleeping, remaining 10 are swiming in the pond. Total number of ducks
   1) 40 2) 60 3) 80 4) 100

7. A shop keeper anounced 20% rebate on the cloth he sold. Gopi purchased 10meters of shirt cloth at the rate of Rs.125 per meter. How much he has to pay to shopkeeper
   1) Rs.1250 2) Rs.1000 3) Rs.1500 4) Rs.250

8. 78 x 46 = 6874; 45 x 93 = 3549; then 82 x 67 =
   1) 5494 2) 8762 3) 6827 4) 7286

9. A student is asked to multiply 5445 with a number. But the student divided 5445 with that number and got 605. If he multiplied, the result is
   1) 49005 2) 45009 3) 32690 4) 43560

10. Number of triangles in the adjecent figure are



1) 6 2) 8
3) 10 4) 12

11. SHIP $\rightarrow$ VELM ; BOAT $\rightarrow$ ELDQ then TRAIN $\rightarrow$
1) VQBHO 2) SSBHO 3) WODFQ 4) UQBHO

12. The angle between two hands in a clock at 5'0clock :
1) Less than 90^0 2) grater than 90^0 3) 90^0 4) 180^0

13. $42-[35-\{(52\div13)+6\}x2]=$
1) -8 2) 8 3) 27 4) -3

14. Which digit is to be placed in the blank so that 572□95 is divisible by 11
1) 1 2) 3 3)5 4) 4

15. Next number in the series 0, 6, 24, 60, 120 .....
1) 240 2) 210 3) 220 4) 260

16. Famous human computer
1) Cantor 2) Babbage 3) Sakuntala Devi 4)Sofia begum

17. p, q are odd ; r, s are even the which of the following is odd
1) (p - r) + (q - s) 2) (p + q)- (r + s)
3) (p + q) + (r + s) - 1 4) (p x r) - (q x s)

18. Difference of the gratest and least four digit numbers formed by the digit : 4, 3, 8, 5
1) 4058 2) 5058 3) 5085 4) 4085

19. Two crore, twolakh, two thousand twenty two in number form
1) 2,02,02,022 2) 22,02,022 3) 2,20,02,022 4) 2,02,20,022

20. One billion = ...
1) 100 lakhs 2) 100 crores 3) 1000 thousnds 4) 100 milions

21. One cup of tea required 25ml milk. How many cups of tea he can prepare with 40 liters of milk?
1) 16000 2) 1600 3) 160 4) 100

22. Srinu moved towards his office 15km by motor cycle, came back 3km for petrol. Then he again moved forward 12km to reach his office. How much distance is his office from home
1) 18km 2) 36km 3) 27km 4) 24km

23. Srinivasa Ramanujan number is
1) 6724 2) 6174 3) 1729 4) 6124

24. The first Indian elected to "The Fellow of Royal Society"
1) Mahalnobis 2) P.C.Roy
3) Sekunthala Devi 4) Srinivasa Ramanujan

25. Postal stamp was released by the Government of India in memory of Ramanujan in the year
1) 2010 2) 2011 3) 2012 4) 1987

26. $\frac{40+60-50}{20+30-50}=$
1) 0 2) Not defined 3) 3 4) 4

27. The units digit in the product of 191 x 192 x .....x 199
1) 0 2) 1 3) 6 4) 8

28. A is the difference between the least three digit number and the gratest two digit numbers B is the difference between the latest five digit numbers and the gratest four digit numbers then
1) A<B 2) A = B = 1 3) A > B 4) A = B = 0

29. The number 2 is shown as **..** ; 3 is shown as **...** ; the number that can be arranged as traingle and rectangle is
1) 9 2) 5 3) 4 4) 6

30. Number of twin primes below 50 :
1) 4 2) 5 3) 6 4) 9

31. A two digited number ab is a prime and its reverse ba is also a prime. How many such pair of primes you can find belw 100
1) 4 2) 3 3) 5 4) 6

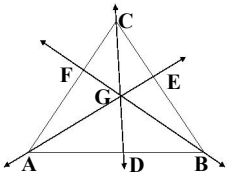
32. A, B, C can complete one round in a stadium in 15min, 20min and 25min respectively. If they start at a point at 6'0clock AM, the time at which they meet again at the same point
1) 9AM 2) 11AM 3) 1PM 4) 10AM

33. A polyndrome number of even number of digits is always divisible by
1) 3 2) 5 3) 9 4) 11

34. The number 6174 is popularly known as
1) Euclid number 2) Ramanujan number
3) Kaprekar's Constant 4) Kepler's Constant

35. L.C.M and H.C.F of two numbers are 72 and 6. One of the number is 24. Second one is
1) 12 2) 16 3) 18 4) 36

36. Number of rays in the figure
1) 2 2) 3
3) 6 4) 9



37. Eculid introduced geometry in his famous book ...
1) Geometrica 2) Principals of Geometry
3) The Elements 4)Logic of Geometry

38. Largest chord in a circle is called :
1) Diameter 2) Radius 3) Arc 4) Segment

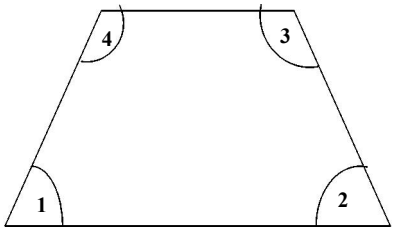
39. Devise which give correct measurement in length
1) Scale 2) Divider 3) Tape 4) Ruler

40.


Number of line segements you can get from the above figure
1) 6 2) 12 3) 15 4) 10

41. 220^0 is
1) Obtuse angle 2) Stright Angle
3) Reflex angle 4) Complete angle

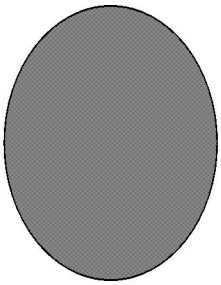
42. In the adjecent figure pair of obtuse angle are :
1) $\angle 1, \angle 2$ 2) $\angle 2, \angle 3$
3) $\angle 3, \angle 4$ 4) $\angle 4, \angle 1$

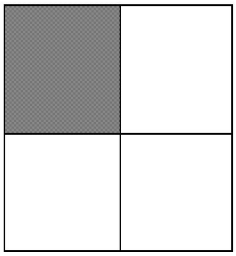


43. The boy moved his toy on a number line from 0 fifteen steps towards right, from there 18 steps towards left and from there moved 5 steps towards right. where is the toy?

1) -2 2) 2 3) -8 4) -3

44.





1) $\frac{3}{4}$ 2) $\frac{3}{8}$ 3) $\frac{1}{2}$ 4) $\frac{7}{8}$

45. The decending order of the following

a) 8.6 b) 8.59 c) 8.09 d) 8.8

1) c,b,a,d 2) d,a,b,c 3) a,d,b,c 4) a,b,c,d

46. Who is known as "Father of Indian Statistics"

1) P.C.Roy 2) J.C.Bose

3) Mahalanobis 4) Prof.C.R.Rao

47. Pick the odd one out

1) $1 \div 9 + 9 \div 1$ 2) $1 \times 9 \div 9 \times 1$ 3) $1 - 9 + 9 \times 1$ 4) $1 + 9 \div 9 - 1$

48. If CASE = 5231 ; CHAIR = 58206; TEACH = 71258 then 586037 =

1) CHARTS 2)CHEAST 3) CHEST 4)CHRIST

49. In a code language **+, -, x,** $\div$ are taken as **x,** $\div$**, +, -** respectively. The result of the problem $(12+4)-(10 \div 6)\text{x}2$ becomes

1) 14 2) $\frac{38}{3}$ 3) 8 4) 6

50. The number of 3 digit even numbers that can be written using the digits 0, 3, 6 without repetition is

1) 6 2) 3 3) 4 4) 2

51.If $a*b=\frac{a+b}{a-b}$ then $(16*12)*(9*3)=$

1) 9 2) $\frac{9}{5}$ 3) 5 4) 14

52. The sum of the reciprocals of all the divisors of 6 is

1) 1 2) 2 3) less than 2 4) grater than 2

53. $4x5y$ is divisible by 3, then the best choice is

1) x > y 2) x < y 3) (x - y) is divisible by 3
4) (x + y) is divisible by 3

54. a is divisible by 2 but not by 3, b is divisible by 3 but not by 2 then which of the following statements is flase?

1) a and b are coprimes 2) all 'a's are even numbers
3) all 'b's are odd numbers 4) a and b are twin primes

55. The LCM of $\frac{2}{5}, \frac{3}{10}, and \frac{4}{15}$ is

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

56. When the numerator of a fraction increases by 4, the fraction increases by $\frac{2}{3}$.

The denominator of the fraction is

1) 2 2) 3 3) 4 4) 6

57. If $\frac{1}{3}$ of a number be subtrated from $\frac{1}{2}$ of the number, the result is 10 greater than $\frac{1}{7}$ of the number, then the number is

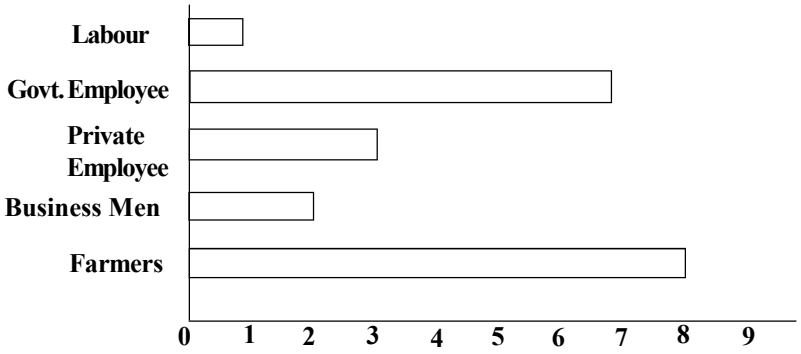
1) 210 2) 350 3) 400 4) 420

58. In the month of October 2016, Ravi earned Rs120 on each Monday, Rs.100 on each Tuesday; spent Rs.125 on each Friday and Rs.70 on each Saturday. In the remaining days he neither earned nor spent. What is the balance on 1st November, 2016?

1) Rs.200 2) Rs.250 3) Rs.150 4) Rs.30

Observe the rectangular, horizontal bars and answer

Scale : 1cm = 5 Units



59. The difference between number of farmers and number of labours is

1) 7 2) 6 3) 35 4) 30

60. The difference between number of Govt. employees and private employees is

1) 4 2) 20 3) 8 4) 25