CLASS - VI

1) In a four digit number least prime is in tens place, three times of tens place, is in thousands place, half of thousands place is in units place, hundreds place is three more than tens place, then the number is ....

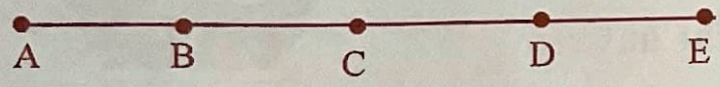
1) 6325 2) 6523 3) 6253 4) 3652

2) a, b, c are three numbers a x b = a; b x c =0 then $\frac{b}{c}$ =

1) b 2) 0 3) 1 4) Not defined

3) Every polyndrome number with even number of digits is always divisible by

1) 11 2) 3 3) 6 4) 4

4) 

Number of line segements in the above figure.

1) 4 2) 1 3) 6 4) 10

5) The angle made by two hands in a clock at 6'o clock

1) Acute angle 2) Obtuse angle 3) Right angle 4) Stright angle

6) Distance between Vijayawada and Hyderabad is 300km. Nani started at vijayawada by motor cycle at 7'o clock in the morning with a constant speed 60kmph. During the journey if he takes 15 min rest for every one hour drive, the time he reaches Hyderabad:

1) 11AM 2) 1AM 3) 1PM 4) 12 Noon

7) Which of the following number is divisible by 8 but not by 6

1) 5688 2) 5324 3) 5724 4) 5624

8) Seeta and Geeta used tally marks to represent 13 as

A) Seetha noted as 𝍸 𝍸 III B) Geetha noted as 𝍸 𝍸 III

Which statement is true:

1) A is correct 2) B is correct 3) both are correct 4) both are false

9) In a 200 mt race, at a particular time A is 80mt behind the goal. B is 20m forward to A. C is 50mt behind B. Distance covered by C =.....m

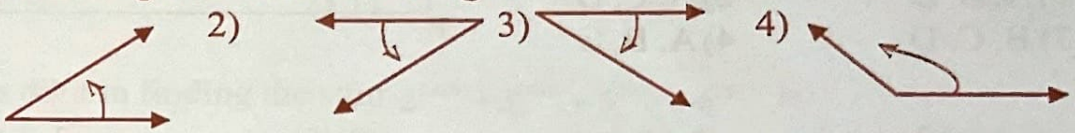
1) 180 2) 150 3) 120 4) 90

10) The first Indian selected to "The fellow of Royal Society"
1) Shakuntala 2) Ramanujan 3) Abdul Kalam 4) C.V.Raman

11) In a herd there are cows and hen. Total heads 35 and total legs 100. Number of cows and hen in the same order:
1) 10, 25 2) 25, 10 3) 15, 20 4) 20, 15

12) There are 35 of 50 rupee and 100 rupee notes in a bag which amounts to Rs.2500. Number of 100 rupee notes .....
1) 13 2) 15 3) 20 4) 12

13) In the following which one is -ve angle.
1) 2) 3) 4)



14) $\frac{2}{3}, \frac{1}{2}, \frac{5}{6}, \frac{7}{12}$ in ascending order is
1) $\frac{1}{2}, \frac{2}{3}, \frac{5}{6}, \frac{7}{12}$ 2) $\frac{7}{12}, \frac{5}{6}, \frac{2}{3}, \frac{1}{2}$ 3) $\frac{1}{2}, \frac{7}{12}, \frac{5}{6}, \frac{2}{3}$ 4) $\frac{1}{2}, \frac{5}{6}, \frac{2}{3}, \frac{7}{12}$

15) $\frac{4^9+4^9+4^9+4^9}{2^9+2^9}=2^x$ then $x=$
1)5 2) 10 3) 9 4) 18

16) $12.5 + 2.37 + 0.432 + 634.2 =$
1) 649.502 2) 966.632 3) 82.61 4) 64.412

17) If $45-[-\{37-(15-x)\}]=58$ then $x=$
1) -29 2) -19 3) -9 4) 39

18) Sum of the fifth pair of twin primes :
1) 84 2) 36 3) 60 4) 24

19) If ab and ba both are primes. Howmany such pair of numbers you can find below 100?
1) 3 2) 4 3) 5 4) 2

20) In the following reflex angle, right angle, stright angle, acute angle in the same order:

1) $360^0, 90^0, 180^0, 115^0$ 2) $180^0, 90^0, 115^0, 70^0$

3) $185^0, 180^0, 90^0, 60^0$ 4) $195^0, 90^0, 180^0, 45^0$

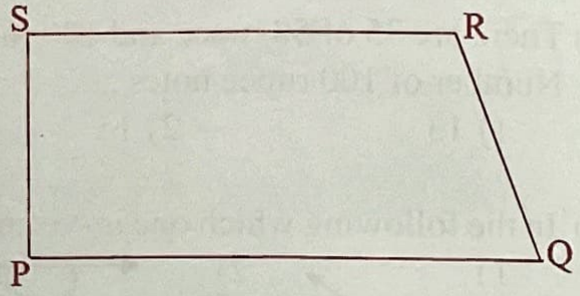
21) PQRS is a qudrilateral Truth statement among the following

A) PQ, RS are opposite side

B) $\angle P$, $\angle Q$ are opposite angles

C) PS, SR are adjecent sides

D) $\angle R$, $\angle S$ are adjecent angles



1) A, B, D 2) A, C, D

3) B, C, D 4) A, B, C

22) Ravi took $3\frac{2}{3}$ min to walk around the school ground. Kiran took $2\frac{3}{4}$ min to cover same distance. Who took more time? How much?

1) Kiran, $\frac{11}{12}$ min 2) Ravi, $\frac{11}{12}$ min 3) Kiran, $\frac{5}{4}$ min 4) Ravi, $\frac{5}{4}$ min

From the figures answer (23 - 25)

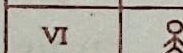
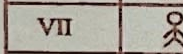
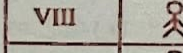
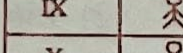
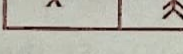
 represents 5 students

 represents 4 students

 represents 3 students

 represents 2 students

 represents 1 student.

Class	Number of Students
VI	
VII	
VIII	
IX	
X	

23) The class strength of VII and IX is equal to the total strength of

1) VII, VIII 2) VIII, X 3) VI, VIII 4) VI, X

24) VIII class students strength exceeds the strength of X class by

1) 13 2) 23 3) 7 4) 10

25) Total strength of the school :

1) 125 2) 130 3) 135 4)137

26) The founder of Indian Statistical Research Institute in Kalkatta
1) P.C.Roy 2) C.R.Rao 3) R.A Fisher 4) P.C.Mahalanobis

27) If the difference between $\frac{4}{5}$ of $\frac{3}{4}$ of a number and $\frac{2}{5}$ of $\frac{1}{6}$ of the same number is 648, then the number is .....
1) 1440 2) 1215 3) 1110 4) 1325

28) X and Y are two different digits. If the sum of the two digit numbers formed by using both the digits is a perfect square. Then x + y =
1) 10 2) 11 3) 12 4) 13

29) Units digit in finding the sum $2^{2019}+3^{2019}+5^{2019}+6^{2019}$ is
1) 8 2) 0 3) 4 4) 6

30) If 9 6 p 4 q is divisible by 55 then values of p, q respectively:
1) 7, 5 2) 5, 7 3) 8, 5 4) 5, 8

31) Next number in the series : 0, 6, 24, 60, 120 .....
1) 144 2) 156 3) 180 4) 210

32) A three digit number 4 a 3 is added to another three digit number 984 to get four digit number 1 3 b 7 which is divisible by 11 the a + b =
1) 10 2) 11 3) 12 4) 15

33) D.R. Kaprekar generated
1) Delmo number 2) Dual number
3) Demlo number 4) Shelf numbers

34) Region enclosed by an arc and a chord is called....
1) Sector 2) Semi circle 3) Semi arc 4) Segment

35) The number of two digit numbers having the property that when they are divided by the sum of their digits, the quotient is 7 without remainder is
1) 0 2) 1 3) 3 4) 4

36) In a bar diagram the length of the bars represent...
1) Frequency 2) Class intervel 3) range 4) scale

37) The least number which when divided by 12 leaves a reminder 7, when divided by 15 leaves a reminder 10, and when divided by 16, leaves a reminder 11 is
1) 115 2) 235 3) 247 4) 475

38) If 35 x 42 = 2534; 67 x 45 = 5764 then 37 x 86 =
1) 6738 2) 8736 3) 6378 4) 3182

39) The difference between product and sum of all the factors of 12 is
1) 129 2) 1600 3) 1700 4) 1800

Adjecent figure is a part of 100 number table.
Answer (40 - 41) by using table

A	45	E
B	F	36
24	C	D

40) (A + E) - (C + D) =
1) F - 4 2) F +4
3) B + 4 4) B - 4

41) A + F + D =
1) 2E + C 2) 2C + E 3) B + C 4) 3F

42) Odd one among the following:
1) 711 2) 261 3) 153 4) 121

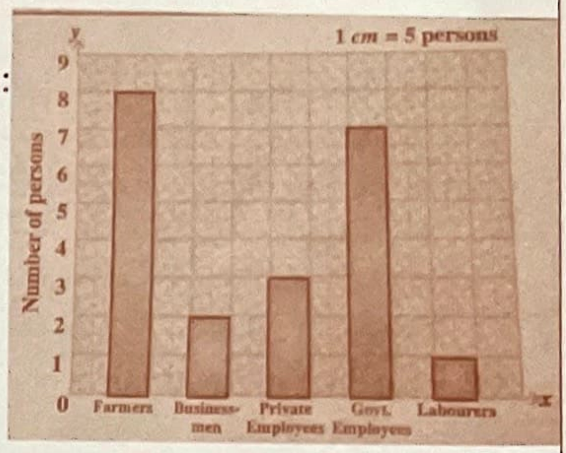
43) a, b, c are three numbers such that a x b = b; $\frac{b}{a} = b$; a x c = c, a + c = a then a and c are respectively called as
1) aditive indentity, multiplicative identity
2) Multiplicative identity, additive identity
3) Multiplicative identity addititve in inverse
4) Addititve inverse, multiplicative identity

44) In finding H.C.F for two numbers, the last divisor is 6 and quotients are 1, 1 and 5 respectively. The numbers are
1) 30, 66 2) 36, 66 3) 36, 60 4) 30, 42

45) A famous Greek mathematician who presented geometry in a logical order
1) Pythogoras 2) Euclid 3) Newton 4) Plato

46) 'Five thousand three hundred' when represented in the form of lakhs =
1) 0.53 2) 0.053 3) 0.0053 4) 5.3

From the figure answer the questions (47-49)



47) The fraction that indicate Government Employees when compared to total population:

1) $\frac{1}{5}$ 2) $\frac{1}{3}$

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

48) Number of govt. employees and labour equal to the number of

1) Farmers
2) Business man and private employee
3) Total population - labour
4) Business man, private employee and labour

49) The part of labourers in total population

1) $\frac{3}{7}$ 2) $\frac{1}{3}$ 3) $\frac{1}{20}$ 4) $\frac{1}{21}$

50) If BOX = 41, CART = 42, then GEL =

1) 36 2) 24 3) 26 4) 31

51) Present age of father is 5 times his son's age. After two years his father's age is four times his son's age. Present son's age is ..... years.

1) 5 2) 6 3) 4 4) 8

52) Two tankers contain 850 liters and 680 liters of kerosen oil respectively. Find the maximum capacity of a container which can measure the oil of both the tankers completely

1) 340lt 2) 50lt 3) 150lt 4) 170lt

53) If a, b, c, d are positive integers where $a + b + c = 53$; $b + c + d = 51$; $c + d + a = 57$ and $d + a + b = 58$. Then the difference between the greatest and the smallest numbers among a, b, c and d is ....

1) 7 2) 6 3) 4 4) 5

54) Three bell are arranged. First bell ring for every 9 sec; second bell for every 12sec, third bell for every 15sce. If three bells ring together at 7.00 again they ring together at

1) 7 - 05 2) 7 -03 3) 7 -30 4) 7 -15

55) The number of dots that can be arranged in the form of a triangle

1) 10 2) 5 3) 7 4) 4

56) $a \otimes b = a + b - ab$; $(5 \otimes 3) - (4 \otimes 8) =$

1) -13 2) -27 3) -17 4) 13

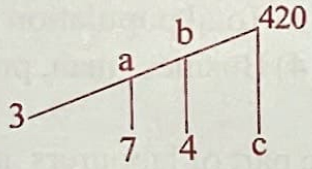
57) In a code language $5 \times 12 = 17$; $10 + 8 = 2$; $8 - 2 = 4$; and $25 \div 5 = 125$ then $(5 \times 10) \div [(18 + 6) - 2] =$

1) 30 2) 90 3) 15 4) $\frac{25}{11}$

58) Observe the factor tree : then a + b =

1) bc 2) ab

3) ac 4) 7c



59) A is acute angle, B is obtuse angle, C is reflex angle and D is stright angle. Then which of the following is true.

1) A + C is B 2) D - A is B 3) A + C is D 4) A + B + C is D

60) In a particular problem bd x ce = 840; ac x bd = 312 then ce x bc =

1) 805 2) 710 3) 620 4) 840