

## CLASS - V

- 1)  $42 \xrightarrow{\times 7} P \xrightarrow{\div 14} Q \xrightarrow{+20} R$  then  $R =$   
 1) 420                      2) 41                      3) 22.1                      4) 42
- 2) The missing numbers in the series; 2, 4, 7, 12, 19, 30 .....  
 1) 42, 60                      2) 43, 58                      3) 42, 58                      4) 43, 60
- 3) If  $A \times 28 = B \times 14 = C \times 7 = D \times 4 = 28$  then  $(B \times D) - (A \times C) = \dots$   
 1) 10                      2) 12                      3) 18                      4) 8
- 4) Divide a number by  $\frac{1}{2}$  and add 10 to get the number 90, then the number taken is \_\_\_\_\_  
 1) 30                      2) 50                      3) 40                      4) 70
- 5) The adjacent box is a part of a calander. Sum of the numbers vertical or horizontal or diagonal wise is  
 1) 45                      2) 54  
 3) 108                      4) 90
- |  |    |  |
|--|----|--|
|  |    |  |
|  | 18 |  |
|  |    |  |
- 6) If  $9q7 - p8r = 478$  then  $p + q - r =$   
 1) 8                      2) 12                      3) 1                      4) 10
- 7) Which is different from the rest?  
 1) 29-1-2019    2) 29-2-2019    3) 29-3-2019    4) 29-5-2019
- 8) The number that resembles the same when inverted  
 1) 1331                      2) 1991                      3) 8698                      4) 1681
- 9) Next one in the given pattern :  
 ○    △    □    ⬠    .....
- 1) Octagon    2) Pentagon    3) Hexagon    4) Decagon
- 10)  $\angle A$  and  $120^\circ$  are suplementeary angles.  $\angle A$  and  $\angle B$  are complementary angles.  $\angle B$  and  $\angle C$  are vertically opposite angles then  $\angle C =$   
 1)  $60^\circ$                       2)  $30^\circ$                       3)  $90^\circ$                       4)  $20^\circ$

- 11) Tangram is a \_\_\_\_\_ Puzzle  
 1) Japanese    2) Srilankan    3) Chinese    4) Greek
- 12) The angle between two hands in a clock at 5 o'clock  
 1) Right angle    2) Less than right angle  
 3) Grater than right angle    4) Stright angle
- 13) Squares of 1cm are cut-off from four corners of a 5cm square sheet. Now perimeter of the remaining sheet = \_\_\_\_\_ cm.  
 1) 9    2) 16    3) 12    4) 20
- 14) In a herd there are cows and hens in total 24. Total legs are 60. Then number of cows:  
 1) 6    2) 18    3) 9    4) 15
- 15) The weight of one mango = weight of two equal bananas; The weight of a musk millon is three times weight of a mango. If the total weight of all the four fruits is 1575 grms. Then weight of three bananas..... grms.  
 1) 350    2) 525    3) 175    4) 325
- 16) If  $P(5) = 4 + 6 - 5$ ;     $P(15) = 14 + 16 - 15$ ;     $P(25) = 24 + 26 - 25$   
 then  $P(6) + P(35) - P(21) = ?$   
 1)  $P(17)$     2)  $P(20)$     3)  $P(19)$     4)  $P(24)$
- 17) A boy is standing East. His drill teacher gave caution - turn right, then turn left and finally right above turn. Present direction of the boy is.  
 1) East    2) South    3) West    4) North

Observe the table and answer (19- 21) questions

- 18) Distance between Suryapet and Vijayawada ..... km  
 1) 125    2) 165  
 3) 40    4) 185

<b>Suryapet</b>	-	<b>120km</b>
<b>Kodada</b>	-	<b>160km</b>
<b>Vijayawada</b>	-	<b>285km</b>

- 19) How much more distance is from Hyderabad to Kodada than Vijayawada to Kodada .....km  
 1) 35    2) 25    3) 45    4) 65
- 20) Kumar took a taxi and travelled from Vijayawada to Suryapet. Due to some work went to Kodada and then reached Hyderabad. If total travel is on the same road, total distance travelled is  
 1) 285    2) 325    3) 350    4) 365

21) Look at the statements :

A) All primes are odd

1) A is true, B is false

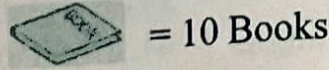
3) Both are true

B) Primes are countable in number

2) B is true, A is false

4) Both are false

Answer questions (22 - 24)



22) How many maths books are more than telugu books

1) 10

2) 2

3) 20

4) 8

Subject	Number of books
Telugu	
English	
Hindi	
Maths	
Science	
Social	

23) Total number of books in the shelf...

1) 120

2) 260

3) 130

4) 26

24) The difference between total books of languages with that of subject books

1) 20

2) 50

3) 30

4) 40

25) Ground floor of a building is 9 feet 10 Inches, First floor is 8 feet 9 inches; Second floor 7 feet 6 inches. Total height of the building \_\_\_\_\_ ft \_\_\_\_\_ inches.

1) 26 - 05

2) 26 - 01

3) 24 - 05

4) 26 - 10

26) A three digit number with three consecutive digits is always divisible by :

1) 6

2) 9

3) 4

4) 3

27) 3A and 4B are two 2 digit numbers whose sum is 7C. Then this is not possible

1) A = 0, B = 0

2) A = 2, B = 7

3) A = 6, B = 4

4) A = 5, B = 3

28) Teacher asked Ravi to multiply a number with 5; but Ravi divided the number by 5 and got 25; the correct answer is .....

1) 125

2) 1250

3) 650

4) 625

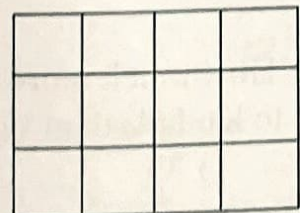
29) Number of squares in the adjacent figure

1) 20

2) 21

3) 15

4) 17



30) Number of three digit numbers formed by using 4, 1, 3 without repetition

1) 6

2) 4

3) 3

4) 8

31) Smallest and biggest numbers formed by using the digits 7, 3, 2 respectively are:  
 1) 237, 723                      2) 327, 732                      3) 237, 732                      4) 237, 723

32) A is 3 years older to B and 3 years younger to C. While B and D are twins, then how many years older is C to D  
 1) 0                                      2) 6                                      3) 3                                      4) 9

33) In a four digit number largest single digit is in thousand place, least single digit in ten's place; first even is in unit place, three times of unit place is in hundred's place; the number is .....

1) 9301                                      2) 9903                                      3) 9612                                      4) 9602

34) Eratosthenes belongs to \_\_\_\_\_  
 1) France                                      2) America                                      3) Greek                                      4) Germany

35) Ravi purchased three laddus each for 45 students, by mistake if he distributed each one 5 laddus, how many students were not given?  
 1) 27                                      2) 18                                      3) 15                                      4) 9

36) Observe the adjacent table in which 1 to 16 numbers are arranged. In the same way if 18 to 33 are arranged in the same pattern, new number in the place of 13 is

10	9	8	7
11	16	15	6
12	13	14	5
1	2	3	4

- 1) 31                                      2) 29  
 3) 30                                      4) 32

37) The women who is known as "Human Computer" \_\_\_\_\_  
 1) Jhansi Rani                                      2) Renuka Chowdary  
 3) Sankutala Devi                                      4) Geetha Reddy

38) Ramanujan number is  
 1) 1279                                      2) 1729                                      3) 1972                                      4) 1297

39) How many square photographs of side 6cm each can be fixed on a rectangular drawing sheet of length 75cm, breadth 62cm ?  
 1) 120                                      2) 129                                      3) 140                                      4) 80

40) In a wheel, 18 spokes are arranged with equal angles at the center. Angle between first spoke and sixth spoke is .....

1)  $108^\circ$                                       2)  $120^\circ$                                       3)  $100^\circ$                                       4)  $126^\circ$

41) When  $-35$  is divided by  $-4$ , the quotient and remainder respectively are :

- 1)  $-8, 3$                       2)  $8, -3$                       3)  $-8, -3$                       4)  $8, 3$

42) If  $3p526q$  is divisible by  $55$  then the values of  $p$  and  $q$  respectively are:

- 1)  $5, 7$                       2)  $7, 0$                       3)  $7, 5$                       4)  $5, 5$

43) A man has 17 sheep. He asked his eldest son to take half of them, second son one third and third son one ninth. Then a possible solution?

- 1)  $12, 3, 2$                       2)  $8, 6, 3$                       3)  $9, 5, 3$                       4)  $9, 6, 2$

44) A frog has fallen into a well of depth 30 feet. It can climb 3 ft in one jump, but fall 2 ft in next jump. In how many jumps it can come out of the well:

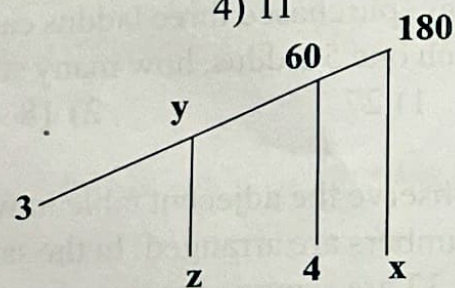
- 1) 30                      2) 28                      3) 29                      4) 27

45) The wrong one in the series 1, 3, 6, 11, 20, 29, 42, .....

- 1) 42                      2) 29                      3) 20                      4) 11

46) In the adjacent figure the missing numbers  $x, y, z$  respectively are ....

- 1) 5, 3, 15                      2) 3, 5, 15  
3) 3, 15, 5                      4) 15, 5, 3



47) Which letter is wrongly placed in the series A, C, F, J, P, U

- 1) J                      2) P                      3) U                      4) F

48) A, B, C, D, E are five different places in a line on a highway. The distance between A and D is 35 km; B and E is 30 km. Then  $AB - DE = \dots\dots\dots$  km

- 1) 5                      2) 3                      3) 4                      4) 6

49) Three similar tables are having the same top surfaces of length 1 m 65 cm each and equal breadth. It requires a total 18 m lace to arrange round the surface edges of the three tables. Breadth of each table is :

- 1) 1 m 15 cm                      2) 1 m 25 cm                      3) 1 m 35 cm                      4) 1 m 45 cm

50)  $\Delta \times \square = 108$ ;  $\Delta \div \square = 3$ ;  $\Delta + \square = 24$  then  $\square - \Delta =$

- 1) 12                      2) 9                      3)  $-12$                       4)  $-9$

51) Take a two digit number with 6 in its unit place. Multiply the same number by itself 9 times. Then the digit in unit place is .....

- 1) 4                      2) 9                      3) 6                      4) 2

52) 2019th letter in the sequence AIMEDAIMED.....

- 1) M                                      2) I                                      3) D                                      4) E

53) The symbols in the boxes of  $1025 \square 218 \square 23 = 830$  are (in the same order)

- 1) +, +                                      2) +, -                                      3) -, -                                      4) -, +

54) Balu went to a shop and purchased 10 pens each 15/-, 8 geometry boxes each 75/- and 5 note books each 25/-. He gave the shop keeper Rs 1000/-. How much he may get back: Rs. \_\_\_\_\_

- 1) 125                                      2) 155                                      3) 135                                      4) 145

55) Adjacent figure is a part of 100 number table

$(P + S) - (Q - T) =$

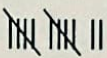
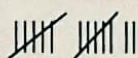
- 1) Q + T                                      2) P + U  
3) R + U                                      4) S + R

P	Q	67
R	56	S
45	T	U

56) The units digit in the product of first 25 primes .....

- 1) 1                                      2) 3                                      3) 5                                      4) 0

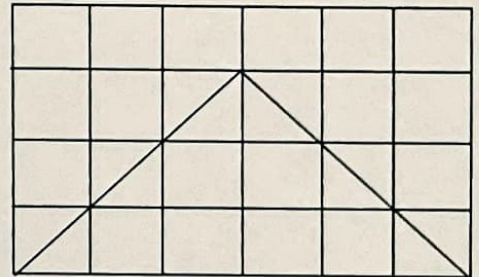
57) In a smart table Kiran and Varun represented 12 as follows

A) Kiran  B) Varun 

- 1) A correct                                      2) B Correct  
3) Both are correct                                      4) Both are wrong

58) In the adjacent figure area of the triangle is

- 1)  $8cm^2$                                       2)  $9cm^2$   
3)  $6cm^2$                                       4)  $12cm^2$



59) The cost of Brinjal, Potato and Tomato per kg are respectively Rs.32, Rs.28 and Rs.36. Gopi purchased 1kg 750 grms of tomato, 1kg 250grms of potato and

$1\frac{1}{2}$  kg brinjal and gave Rs.200, then the amount he gets back Rs. ....

- 1) 45                                      2) 56                                      3) 44                                      4) 54

60) The perimeter of the figure:

- 1) 34cm                                      2) 22cm  
3) 18cm                                      4) 30cm

