INTSO
CLASS : IV
Instructions:
$\Rightarrow \quad$ Fill the OMR sheet completely and carefully.
$\Rightarrow \quad$ Each question carries one mark and has only one correct answer. No negative marks.
$\Rightarrow \quad$ The question paper contains 50 questions to be answered in 60 minutes.

1. What is the remainder when 1525 is divided with 100
1) 15
2) 125
3) 25
4) 5
2. What is the Quotient when 98765 is divided with 1000
1) 8
2) 9
3) 98
4) 765
3. What is the largest number formed by using the given digits $9,6,8,0$
1) 9860
2) 8690
3) 6980
4) 968
4. The number which is 299 less than 36,988 is
1) 36,680
2) 36,689
3) 36,679
4) 36,769
5. The population of a village is $1,46,400$. If 44,652 are women and 53,340 are men and the rest are children then number of children in the village is
1) 48,000
2) 48,400
3) 48,408
4) 49,000
6. If a number is divisible by 2 and 3 then the number is always divisible by
1) 7
2) 6
3) 8
4) 9
7. The number of two digit numbers of the form ' aa ' with same digit 'a' having exactly four divisors is
1) 2
2) 4
INT 35.5
0
3) 8
8. What is the remainder when 97,695 is divided with 5
1) 0
2) 4
3) 3
4) 2
9. Nandita pays ₹ 78,000 as rent for her flat in one year then the monthly rent she has to pay is
1) ₹ 6,000
2) ₹ 6,400
3) ₹ 6,500
4) ₹ $7,000 \quad$ [ ]
10. If a,b are relatively Prime numbers and the L.C.M is 72 then $\mathrm{ab}=$ ?
1) 144
2) 72
3) 60
4) 1
11. Sum of the factors of 28 is
1) 28
2) 56
3) 112
4) 42
12. Sum of the digits of a number $10^{99}-99$
1) 874
2) 99
3) 774
4) 0
13. A number has two factors ' 1 ' and itself only then the number is called
1) composite number
2) even number
3) odd number
4) prime number
14. How many prime numbers are there from 1 to 100
1) 20
2) 50
3) 25
4) 22
15. The great Mathematician Eratosthenes belongs to which country
1) Egypt
2) Italy
3) America
4) Greece
16. The H.C.F of 456 and 360 is
1) 22
2) 24
3) 20
4) 25
17. The L.C.M of $\frac{3}{8}, \frac{4}{9}, \frac{6}{7}$
1) $\frac{12}{1}$
2) $\frac{24}{9}$
3) $\frac{22}{7}$
4) $\frac{72}{7}$
18. The equivalent fraction of $\frac{3}{8}$ is
1) $\frac{9}{25}$
2) $\frac{27}{16}$
3) $\frac{9}{24}$
4) $\frac{12}{40}$
19. A fraction whose numerator is ' 1 ' is called
1) like fraction
2) mixed fraction
3) unlike fraction
4) unit fraction
20. If a number x is divided with y , we get the Quotient a and remainder ' b ' then
1) $x=a b+y$
2) $x=a y+b$
3) $y=a x+b$
4) $y=b x+a$
21. The total number of dots in the $1^{\text {st }} 100$ rows is
1) 550
2) 560
3) 5500
4) 10000

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22. Hari bought $4 \frac{1}{2}$ meters of rope. He used $2 \frac{1}{4}$ meters. How much rope is left with Hari ?[ ]
1) $4 \frac{1}{2}$ meters
2) $3 \frac{1}{4}$ meters
$N T 3) 2 \frac{1}{4}$ meters
3) $2 \frac{1}{2}$ meters
23. The decimal form of $4 \frac{623}{1000}$ is
1) 46.23
2) 462.3
3) 0.4623
4) 4.623
24. Rishita purchased a pencil for $₹ 10.75$ an eraser of $₹ 2.50$ and a note book costing $₹ 25.75$ then the total amount spend by her.
1) ₹ 40
2) ₹ 42
3) ₹ 39
4) ₹ 37
25. How many litres are equal to 1 milli litre.
1) 1000 l
2) $100 l$
3) $\frac{1}{1000} l$
4) $\frac{1}{100} l$
26. One kilogram is equal to How many grams.
1) 100 grams
2) 1000 grams
3) 0.001 grams
4) 0.01 grams
27. Raj sold his car which he bought for $₹ 2,00,000$ at a loss $₹ 23,450$ then the selling price is
1) $1,76,000$
2) $1,75,500$
3) $1,76,550$
4) $1,77,000$
28. What is the angle between the two hands of a clock at 2-30 ?
1) $100^{\circ}$
2) $105^{\circ}$
3) $120^{\circ}$
4) $110^{\circ}$
29. Convert 23 : 10 hours into 12 hour clock time
1) 11.P.M
2) 11.10 P.M
3) $11 . \mathrm{A} . \mathrm{M}$
4) $11.10 \mathrm{~A} . \mathrm{M}$
30. 5 months 25 days equal to how many days
1) 150 days
2) 180 days
3) 185 days
4) 175 days
31. 3600 seconds is equal to how many minutes
1) 60 minutes
2) 36 minutes
3) 30 minutes
4) 10 minutes
32. In a leap year February month has how many days?
1) 30
2) 31
3) 29
4) 28
33. How many days are there from 25 th March to 6th. May (including both days)
1) 40 days
2) 33 days
3) 43 days
4) 41 days
34. A man travelled $84 \mathrm{k} . \mathrm{m} 523 \mathrm{~m}$ by car and 26 km 990 M , by bus. What is the total distance covered
1) 111 km
2) 111 km 513 m
3) 110 km 500 m
4) $111 \mathrm{~km} \mathrm{700m}$
35. If a $* \mathrm{~b}=2 \mathrm{a}+2 \mathrm{~b}-\mathrm{ab} \mathrm{a}, \mathrm{b}$ are any two numbers if $3 * \mathrm{x}=4$ then x is
1) 4
2) 3
3) 2
4) 5
36. The number of two digited prime numbers less than 100 whose sum of the digits 2 is [ ]
1) 1
2) 2
3) 3
4) 4
37. If 5 lines are drawn in the plane the maximum number of regions into which the plane is divided is
1) 10
2) 12
3) 14
4) 16
38. Ajay bought 5 kg of sweets and distributed 2 kg 300 g sweets to some poor children. How much of sweets was left with him
1) 3 kg 700 grams
2) 1 kg 700 grams
3) 2 kg 700 grams
4) 3 kg 200 grams
39. The sides of a rectangle are 16 cm and 8 cm then the perimeter of the rectangle is
1) 24 cm
2) 40 cm
3) 48 cm
4) 72 cm
40. The area of the square whose side is 6 cm
1) $24 \mathrm{~cm}^{2}$
2) $20 \mathrm{~cm}^{2}$
3) $36 \mathrm{~cm}^{2}$
4) $12 \mathrm{~cm}^{2}$
41. A figure bounded by '6' line segments is called
1) quadrilateral
2) hexagon
3) pentagon
4) octagon
42. There are 20 cities in a certain country. Every pair of cities is connected by air route. How many air routes are there
1) 19
2) 380
3) 190
4) 40
43. The area of the circle with radius 7 cm is
1) $144 \mathrm{~cm}^{2}$
2) $124 \mathrm{~cm}^{2}$
3) $150 \mathrm{~cm}^{2}$
4) $154 \mathrm{~cm}^{2}$
44. The figure formed by joining mid points of a Rhombus is
1) Rhombus
2) Square
3) Kite
4) Rectangle
45. The area of regular hexagon with side a units is
1) $\frac{\sqrt{3}}{4} a^{2}$ sq.units
2) $\frac{\sqrt{3}}{2} a^{2}$ sq.units
3) $6 \frac{\sqrt{3}}{4} a^{2}$ sq.units
4) $5 \frac{\sqrt{3}}{4} a^{2}$ sq.units
46. If in a quadrilateral all sides are equal then it is
1) square
2) Rectangle
3) Kite
4) pentagon
47. The number of 3 digits even numbers that can be written using the digits $0,3,6$ without repetition is
1) 6
2) 3
3) 4
4) 2
48. How many two digit numbers greater than 10 are there which are divisible by 2 and 5 but not by 4 or 25
1) 2
2) 4
3) 3
4) 5
49. The sum of the reciprocals of all the divisors of 6 is
1) 1
2) 2
3) 3
4) 6
50. If $(\mathrm{a}-1)^{2}+(\mathrm{b}-2)^{2}+(\mathrm{c}-3)^{2}+(\mathrm{d}-4)^{2}=0$ then $\mathrm{a} \times \mathrm{b} \times \mathrm{c} \times \mathrm{d}+1$ is
1) 20
2) 10
3) 24
4) 25
