



INTEGRATION-2K18

NSV KARIMNAGAR ZONAL LEVEL MATHS OLYMPIAD TEST

LOGICAL BRAIN CONTEST for Class - V

Time: 60 Minutes

Max. Marks 50

1. $724 \times 2 \times 1 \times 0 =$ _____ ()
A) 14480 B) 1448 C) 724 D) 0
2. The product of all even numbers between 1 and 11. ()
A) 3840 B) 384 C) 480 D) 240
3. How many minutes are there in 324 hours? ()
A) 1944 B) 19440 C) 32460 D) 60
4. Identify the product of 684 and 43 rounded off to the nearest hundreds. ()
A) 30600 B) 29400 C) 29500 D) 29000
5. What is the number in \square , If $8 \times 6 = 2 \times \square \times 8$? ()
A) 32 B) 4 C) 3 D) 2
6. What is the other way of writing 205×6 ? ()
A) $(200+50) \times 6$ B) $(20+5) \times 6$ C) $(200-5) \times 6$ D) $200 \times 6 + 5 \times 6$
7. Twice of a number is 42. What is six times that number? ()
A) 6×42 B) $6 + 42$ C) 3×42 D) 12×42
8. $725 \div 0 =$ _____ ()
A) 0 B) 725 C) 1 D) Not define
9. $\square \div 14 = 28$ ()
A) 392 B) 2 C) 28 D) 14
10. Quotient and Remainder of $7245 \div 100$ ()
A) 7,245 B) 72, 45 C) 724,5 D) 7245,0
11. If $111 \div 3 = 37$; $222 \div 6 = 37$ _____, What is the value of $777 \div 21$? ()
A) 12 B) 17 C) 27 D) 37
12. What is the value of $13 + 6 \div 2 + 5 \times 4$? ()
A) 36 B) 45 C) 25 D) 28
13. 8km 2hm 6dam 5m = _____ m ()
A) 8265 B) 8.265 C) 82.65 D) 5628

14. Study the given number sentences. ()

$$\square \times \triangle = 27$$

$$\triangle \div \square = 3$$

If these number sentences are true, which of the following may be correct? ()

A) $\triangle = 3, \square = 9$

B) $\square = 3, \triangle = 9$

C) $\square = 6, \triangle = 18$

D) $\square = 5, \triangle = 15$

15. $\frac{8}{7}$ of 357 cm is. ()

A) 408 cm

B) 21 cm

C) 357 cm

D) 100 cm

16. A cloth of length 15 cm is cut into 12 pieces. Then length of each piece is. ()

A) 1.25 cm

B) 12.5 cm

C) 125 cm

D) 0.125 cm

17. What is the ratio of 1m 5cm to 35 km? ()

A) 3:7

B) 3:10

C) 3:700

D) 3:100000

18. Water flows into a tank at a rate of 350 ml per minute. How much water will be there in the tank after $\frac{3}{4}$ hour? ()

A) 15.075 l

B) 1575 l

C) 15.75 l

D) 15750 l

19. 7 cm = _____ hm ()

A) 0.00007

B) 0.07

C) 0.0007

D) 0.00007

20. 1year = _____ minutes. ()

A) 525600

B) 1440

C) 365

D) 5256

21. Which decimal number is equivalent to $1\frac{78}{1000}$? ()

A) 1.78

B) 1.078

C) 1.00078

D) 0.178

22. What is the sum of 0.3, 0.003 and 0.03? ()

A) 0.999

B) 0.393

C) 0.636

D) 0.333

23. Find the quotient obtained when 125.625 is divided by 0.5. ()

A) 251.25

B) 2512.5

C) 25125

D) 25.125

24. Evaluate the product of 0.05, 0.09 and 5. ()

A) 0.025

B) 0.225

C) 0.005

D) 0.0225

25. Find the value of $(\frac{0.1}{0.01} + \frac{0.01}{0.1})$. ()

A) 10.1

B) 1.10

C) 1.01

D) 10.01

26. A tank can hold 2L 145 ML of water. $\frac{3}{5}$ of the water in the tank is used for different purposes? What is the amount of water used? ()

A) 4.029L

B) 9.058L

C) 12.087L

D) 60.435L

27. What is the value of $14 + \frac{8}{10} + \frac{108}{100} + \frac{345}{1000}$? ()

- A) 16.225 B) 15.262 C) 16.252 D) 16.255

28. What is the resultant of $0.3 \div 0.3 \times 3$? ()

- A) $\frac{1}{3}$ B) 0.3 C) $\frac{1}{0.3}$ D) 3

29. Study the decimal numbers given in the box and arrange the following in ascending order. ()

0.684	68.4	6.84	684
P	Q	R	S

- A) P,Q,R,S B) P,R,S,Q C) P,R,Q,S D) P,S,R,Q

30. What is the value of $\frac{7}{8}$ rounded off to one decimal point? ()

- A) 0.875 B) 0.9 C) 0.88 D) 0.8

31. Which one of the following fractions is NOT equivalent to all the others? ()

- A) $\frac{4}{10}$ B) $\frac{6}{15}$ C) $\frac{9}{20}$ D) $\frac{32}{80}$

32. Which of the following fraction is an unlike fraction of $\frac{3}{7}$? ()

- A) $\frac{5}{7}$ B) $\frac{8}{7}$ C) $\frac{3}{5}$ D) $\frac{9}{7}$

33. If $\frac{1}{4}$ of a number is 16, what is $\frac{1}{2}$ of the number? ()

- A) 8 B) 16 C) 32 D) 64

34. Find the product of $1\frac{1}{3}$, $3\frac{1}{4}$ and $\frac{7}{8}$? ()

- A) $3\frac{5}{24}$ B) $3\frac{19}{24}$ C) $3\frac{1}{24}$ D) $19\frac{3}{7}$

35. Find missing number. $\frac{5}{6} \times 15 = \frac{\quad}{12} \times 30$ ()

- A) 15 B) 40 C) 25 D) 5

36. Which of the following is not $\frac{16}{48}$ expressed in lowest terms? ()

- A) 4:16 B) 3:9 C) 8:24 D) 24:72

37. Which basic Roman number can never be subtracted? ()

- A) X B) I C) V D) L

38. Which of the following is the set of roman numbers used to write the equivalent of 1656? ()

- A) M,C,X,L,V,I B) I,V,X,C,M,L C) M,L,X,V,D,I D) I,L,V,D,C,M

39. Find the missing number. LXXX – XLIX = ()

- A) XXXI B) XXIX C) XLI D) XXXIX

