

(4)

37. What is the difference between the place value and face value of 5 in 735?
a) 0 b) 1 c) 5 d) 30
38. $\frac{1}{2} + \frac{1}{3} + \frac{1}{6}$ is equal to
a) $\frac{5}{6}$ b) $\frac{5}{10}$ c) 2 d) 1
39. Choose the greatest three digit composite number from the following:
a) 900 b) 990 c) 899 d) 999
40. Two fractions are said to be equivalent if in their simplest form they have the same
a) numerator b) denominator
c) numerator as well as denominator d) none of the above
41. Which of the following is correct?
a) like fractions have same numerator
b) unlike fractions have the same denominators
c) equivalent fractions are also like fractions
d) like fractions are equivalent.
42. A quadrilateral should have
a) two parallel sides b) equal opposite sides c) three sides d) four sides
43. The place value of digits of a number are 80000, 300, 2. The successor of the number is
a) 80302 b) 800302 c) 80303 d) 790302
44. A cage has 3 parrots and 4 cats. How many legs can be seen in the cage?
a) 7 b) 14 c) 28 d) 22
45. The 3rd multiple of a number and 5th multiple of another number are same. The two numbers are respectively
a) 2 and 3 b) 3 and 5 c) 5 and 3 d) 7 & 3
46. Which of the following is incorrect?
a) 1cm=10mm b) 10dm=1m c) 10m=10Dm d) 10Hm=1Kkm
47. 1 kilolitre is equal to
a) 1000000ml b) 10000l c) 1000dl d) none of the above
48. The product of $3\frac{1}{2}$ and $5\frac{1}{2}$ is
a) $15\frac{1}{2}$ b) $19\frac{1}{4}$ c) $3\frac{1}{2}$ d) $15\frac{1}{4}$
49. The prime factors of 18 are
a) 1,2,3,6,9,18 b) 2,3,6,9,18 c) 2,3,6,9 d) 2,3
50. The value of $13\frac{3}{4} + 23\frac{2}{7} + 11\frac{1}{7}$ is
a) $47\frac{3}{7}$ b) $23\frac{2}{7}$ c) $47\frac{4}{7}$ d) 48

18th STATE LEVEL COMPETITION - 2017

ORGD. BY : THE UNITED DEVELOPMENT ASSN. (UDA) KHANGABOK

H.Q. KHANGABOK, THOUBAL (MANIPUR)

Regd. No. 3/SR/TH/1999

CLASS-IV (MATHS.)

Time: 1½hrs.

INSTRUCTION:

- There are 50 questions with four alternatives of which one is the correct/most appropriate answer. Each question carry 2 marks.
 - The correct/most appropriate choice should be marked in the answer sheet with a ball point pen only, by darkening the circle corresponding to the correct choice.
 - If any candidate is found using unfair means of any kind, he/she shall be expelled from the test without any prior warning.
 - Using any calculator/mobile phone etc. is strictly prohibited in exam. hall.
 - The decision of the Association with regard to the conduct of the Examination shall be final and binding to the candidate.
- Which of the following symbols is used in writing a number but not used as a counting number?
a) 1 b) 5 c) 9 d) none of the above
 - The place value of a digit in any number is always the same. The digit is
a) 1 b) 5 c) 9 d) none of the above
 - The digital root of any number is always
a) the same b) different c) one digit number d) none of the above
 - How many 3-digit different numbers can be formed by using any three of the 0,1,2,3,4,5,6,7,8,9 digits without repetition?
a) two b) six c) two or six d) none of the above
 - If 'a' and 'b' are two non-zero numbers then $a \times b$ is a multiple of
a) 'a' b) 'b' c) both of 'a' and 'b' d) none of the above
 - If 'a' can be divided exactly by 'b' then ($a, b \neq 0$)
a) 'a' is a multiple of 'b' b) 'b' is a multiple 'a'
c) 'a' is a factor of 'b' d) none of the above are true
 - 'c' is the product of 'a' and 'b' where $a, b, c \neq 0$ then
a) 'a' is a factor of 'b' b) 'b' is a factor of 'a'
c) 'a' is a factor of 'c' d) 'c' is a factor of 'a'
 - The greatest factor of a number is
a) 0 b) 1 c) the number itself d) 9
 - The smallest factor of a number is
a) 0 b) 1 c) 9 d) the number itself
 - The smallest prime number is:
a) 0 b) 1 c) 2 d) none of the above

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11. The sum of any two prime numbers
 - a) is always a prime number
 - b) is always not a prime number
 - c) may or may not be a prime number
 - d) is always a composite number
12. The smallest even composite number is
 - a) 0
 - b) 2
 - c) 3
 - d) none of the above
13. In a multiplication magic square the product of all the numbers in
 - a) any row is different
 - b) any column is different
 - c) any diagonal is same
 - d) none of the above
14. 1 Km is equal to
 - a) 1000cm
 - b) 10000mm
 - c) 100000mm
 - d) 1000000mm
15. 1 Kg is equal to
 - a) 1000mg
 - b) 10000mg
 - c) 100000mg
 - d) 1000000mg
16. A fraction is said to be improper if
 - a) denominator > numerator
 - b) numerator > denominator
 - c) numerator $\geq$ denominator
 - d) denominator $\geq$ numerator
17. A line segment has:
 - a) no fixed length
 - b) no starting point
 - c) no end point
 - d) a fixed length
18. A circle has
 - a) only one chord
 - b) only one diameter
 - c) only one radius
 - d) only one circumference
19. Which of the following has only one line of symmetry?
 - a) square
 - b) rectangle
 - c) isosceles triangle
 - d) scalene triangle
20. How many lines of symmetry are present in a square figure?
 - a) 2
 - b) 3
 - c) 4
 - d) none of the above
21. Which of the following is incorrect?
 - a) $3 \times 4 = 4 \times 3$
 - b) $3 \times (4 \times 2) = (3 \times 4) \times (3 \times 2)$
 - c) $3 \times 4 = 4 + 4 + 4$
 - d) $3 \times 102 = 3 \times (100 + 2)$
22. Which of the following is correct?
 - a) a prime number can not be a factor of a composite number.
 - b) an isosceles triangle has three equal sides.
 - c) an improper fraction can be expressed as a mixed fraction.
 - d) number of rows and columns in a magic square are not equal.
23. The value of $144 \div 12 \times 12 - 12 + 12$ is
 - a) 0
 - b) 1
 - c) 144
 - d) 156

(3)

24. The total cost of 7 pencils and 5 erasers is Rs. 66. If the cost of one eraser is 60 paise, then the cost of one pencil is
 - a) Rs. 9
 - b) Rs. 6
 - c) Rs. 8
 - d) Rs. 27
25. The cost of one litre of petrol is Rs. 60. Find the cost of 15 litres and 400ml of petrol?
 - a) Rs. 900
 - b) Rs. 924
 - c) Rs. 1148
 - d) Rs. 1000
26. The sum of all the prime numbers between 1 & 10 is
 - a) 10
 - b) 26
 - c) 27
 - d) 17
27. The smallest common multiple of 2, 3 and 4 is
 - a) 12
 - b) 8
 - c) 4
 - d) 24
28. The value of 20000×105 is
 - a) 210500
 - b) 210000
 - c) 2100000
 - d) 2100005
29. What least number should be added to 3756 so that the sum is exactly divisible by 45?
 - a) 21
 - b) 69
 - c) 24
 - d) 66
30. Thoiba bought a two pieces of rope measuring 5m 46cm and 5m 54cm. The total length of the rope bought is
 - A) 10m
 - B) 9m 90cm
 - C) 10m 10cm
 - D) 11m
31. The length and breadth of a rectangular playground is 75m and 25m. The perimeter of the playground is
 - a) 100m
 - b) 175m
 - c) 200m
 - d) 205m
32. A merchant sold a cement bag for Rs. 425 and got a profit of Rs. 35. The cost price of the cement bag is:
 - a) Rs. 460
 - b) Rs. 425
 - c) 390
 - d) Rs. 400
33. A basket contains 24 balls, out of which 15 are black and the remaining are white. What is fraction of balls in the basket are white?
 - a) $\frac{15}{24}$
 - b) $\frac{9}{15}$
 - c) $\frac{24}{15}$
 - d) $\frac{1}{8}$
34. Choose the correct statement
 - a) Radius is twice the diameter
 - b) Chord is a diameter
 - c) Diameter is a chord
 - d) None of the above
35. A square is cut off diagonally to get two triangles. The triangles so formed are
 - a) equilateral
 - b) scalene
 - c) isosceles
 - d) none of the above
36. Three fourth of an hour is
 - a) 15 min.
 - b) 30 min.
 - c) 45 min.
 - d) 60 min.

Class-IV Math

Turn Over

Turn Over