International Talent Search Examination - 2022-23

अंतर्राष्ट्रीय प्रतिभा खोज परीक्षा – २०२२-२३

Organized by

Savitri Skill Development Institute, Training Partner with
Ministry of Micro Small & Medium Enterprises (MSME), Govt. of India.

Ministry of Micro, Small and Medium Enterprises,
Government of India

TEST BOOKLET

Name : ....

Class : .... School: ....

Father's Name : .... Father's Occupation : ....

Mother's Name : .... Mother's Occupation : ....

Categories : Gen ☐   OBC ☐   SC ☐   ST ☐

Correspondence Address : ....

Date of Birth : ☐☐ ☐☐ ☐☐☐☐

Father's Contact No : ☐☐☐☐☐☐☐☐☐☐

Home/Mother's Contact No. : ☐☐☐☐☐☐☐☐☐☐

WhatsApp No. : ☐☐☐☐☐☐☐☐☐☐

Basic Instructions:

i.   Ensure that your personal data has been entered correctly.
ii.   Immediately after opening the test booklet verify that all the pages are printed properly and are in order. If there is a problem with your test booklet, immediately inform the invigilator. You will provided with the replacement.
iii.   All questions in are compulsory.
iv.   For every correct answer you will be awarded with 4 marks and for all incorrect answer 1 mark will be deducted.
v.   Directions for answering the questions are given. Read those directions carefully and answer the question by circling the bubble in the OMR Sheet Provided to you. Test booklet/OMR Sheet will be submitted at the end of the examination.
vi.   Follow the instructions given by the invigilator. Students found violating the instructions will be disqualified.
vii.   Rough work can be done separately or on the Question paper.
viii. Please fill the bubbles in OMR sheet with Blue or Black pen only.
ix.   Do not tear the question paper or OMR sheet else you will be disqualified in the examination.

CLASS-5 MATHEMATICS

1. Evan wants to measure the length of his room. Which unit of measure is appropriate to measure the length of his room?

    A) centimeter   B) foot   C) inch   D) millimeter

2. What is $\frac{3}{9}$ in simplest form?

    A) $\frac{1}{3}$ B) $\frac{1}{2}$ C) $\frac{3}{6}$ D) $\frac{6}{18}$

3. Mrs. Perkins makes study guides for her class of 21 students. She uses 252 sheets of paper. How many sheets of paper are in each study guide?

    A) 12 sheets   B) 231 sheets   C) 273 sheets   D) 5.292 sheets

4. Use the rectangle below to answer the question.
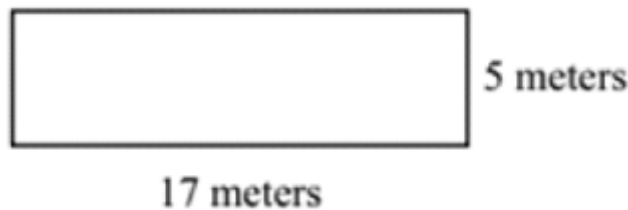
    5 meters

    17 meters

    What is the area of the rectangle?

    A) 12 square meters   B) 22 square meters   C) 44 square meters   D) 85 square meters

5. Which equation shows how to multiply 6x5x3 using the associative property?

    A) $6 \times 5 \times 3 = 3 \times 5 \times 6$ B) $(6 \times 3) + 5 = 6 \times (3 + 5)$
    C) $(6 \times 5) \times 3 = 6 \times (5 \times 3)$ D) $(6 \times 5) + (6 \times 3) = (6 \times 3) + (6 \times 5)$

6. Which picture shows 180° of a circle?

    A)   B)   C)   D)

7. Each time John goes to the movies he spends $7.00. Which expression shows how much he spends after going to the movies / times?

    A) $t + \$7.00$ B) $t - \$7.00$ C) $\$7.00 \times t$ D) $\$7.00 - t$

8. What is $92.53 \div 10$?

    A) 0.9253   B) 9.253   C) 92.53   D) 925.3

9. In the expression $15 - n$, which value of n results in the greatest difference?

    A) $n = 0$ B) $n = 5$ C) $n = 10$ D) $n = 15$

10. What is the value of w in the equation $116 - w = 95$?

    A) $w = 19$ B) $w = 21$ C) $w = 210$ D) $w = 211$

11. What is the standard form of twenty-one and six hundred thirty-four thousandths?

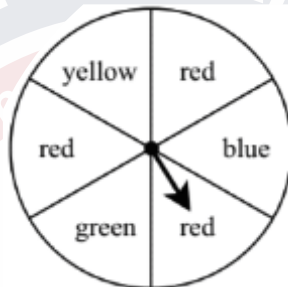   A) 21.60034   B) 21.6034   C) 21.634   D) 2,160,034

12. Use the coordinate grid below to answer the question.
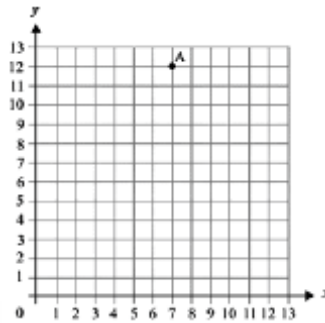
What are the coordinates of Point A?

A) (11,6)   B) (12, 7)   C) (6, 11)   D) (7, 12)

13. Use the spinner below to answer the question.

What are all the possible outcomes for the spinner?

A) red, blue, red, green   B) yellow, red, blue, red   C) red, blue, yellow, green   D) yellow, red, blue, yellow

14. Use the table below to answer the question.

Ashley's Grocery List

toothpaste	$3.99
bread	$2.45
milk	$2.69
apples	$3.10
cereal	$4.89

Ashley goes to the grocery store to buy each of the items on her list. Ashley rounds the cost of each item to the nearest dollar. What is the estimated total cost of these items?

A) $15.00   B) $16.00   C) $17.00   D) M s.i HI

15. Which percent equals $\frac{1}{4}$?

A) 14%   B) 25%   C) 41%   D) 52%

16. Use the expression below to answer the question.

    53 x 24

    How can the distributive property be used to solve this expression?

    A) (50 + 20) x (3 + 4)   B) (5 x 2) + (3 x 4)   C) (53 + 4) x (53 + 2)   D) (53 x 20) + (53 x 4)

17. Which list is in order from least to greatest?

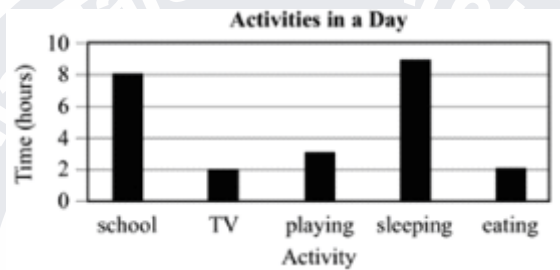   A) 1,000; 1,010; 1,009   B. 1,010; 1,011; 1,100   C. 1,100; 1,010; 1,001   D. 1,010; 1,100; 1,001

18. Which is a composite number?

    A) 5   B) 7   C) 19   D) 21

19. What is 3.8 x 10?
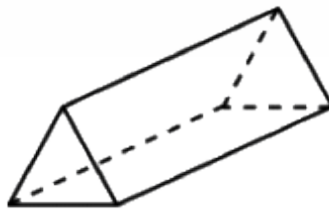
    A) 0.38   B) 3.80   C) 38   D) 380

20. Use the graph below to answer the question.

    Which circle graph could represent the information in the bar graph?

    A)   B)

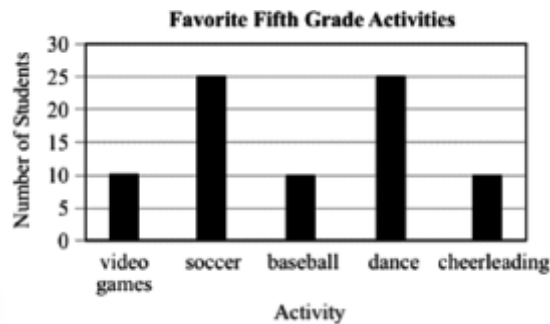   C)   D)

21. Use the picture below to answer the question.

    How many faces does the prism have?

    A) 3 faces   B) 4 faces   C) 5 faces   D) 6 faces

22. Use the bar graph below to answer the question.

Favorite Fifth Grade Activities

A teacher asked the fifth graders about their favorite activities. What is the total number of fifth graders represented on the graph?

A) 10 　　　　　　　　B) 25 　　　　　　　　C) 65 　　　　　　　　D) 80

23. What is the value of 12 - (3 + 5)?

A) 4 　　　　　　　　 B) 10 　　　　　　　　C) 14 　　　　　　　　D) 20

24. 1.00.00.000 - 10.00.000 =_____

A) 90.00.000 　　　　　　B) 9.00.000 　　　　　　C) 9.00.00.000 　　　　　　D) 90.000

25. In which of the following, the numbers are arranged in ascending order?

a)　57071　　　50371　　　53071　　　57301

b)　50371　　　53071　　　57071　　　57301

c)　57301　　　53071　　　57071　　　50371

d)　50371　　　53071　　　57301　　　57071

26. Numbers which are divisible by both 3 and 4 in the following are:

A) 1312 and 2612 　　　B) 4449 and 8804 　　C) 9924 and 1536 　　D) 2700 and 3700

27. Which is the odd one in the following?

A) 37 　　　　　　　　 B) 47 　　　　　　　　C) 57 　　　　　　　　D) 97

28. The two prime factors of 65 are _____ and _____

A) 1 and 65 　　　　　B) 5 and 13 　　　　　C) 60 and 5 　　　　　D) 15 and 15

29. The 12th multiple of 16 is _____

A) 182 　　　　　　　B) 1216 　　　　　　C) 1129 　　　　　　D) 192

30. The least multiple which is common for both 15 and 25 is _____

A) 75 　　　　　　　B) 25 　　　　　　C) 50 　　　　　　D) 15

31. If we divide the sum of 45 and 90 by their difference, the answer is

A) neither prime nor composite　　　　　B) the least prime number
C) the least odd prime number　　　　　D) the least composite number

32. I am a number between 660 and 665. I am divisible by 3 but not by 6. What number am I ?

   A) 661   B) 662   C) 663   D) 664

33. I am a prime number. If you subtract from me. I will become divisible by 9. Who am I?

   A) 29   B) 19   C) 17   D) 11

34. The three numbers whose LCM is 75 are _____, _____ and _____.

   A) 5, 15, 25   B) 5, 10, 15   C) 3, 5, 15   D) 3, 50, 25

35. The three prime numbers between 10 and 40 are _____, _____ and _____.

   A) 17,27,37   B) 11,21,31   C) 13,23,33   D) 13,29,37

36. Seema had Rs.5 and spent Rs. 2.50 for a pencil. How much money was left with her?

   A) Rs. 2.25   B) Rs. 3.50   C) Rs.2.50   D) Rs.7.50

37. By selling a refrigerator for Rs. 5875, Mrs. Sara lost Rs.225. Find the price at which she bought the refrigerator.

   A) Rs.5650   B) Rs.6100   C) Rs.5875   D) Rs.6000

38. A dozen eggs were bought for Rs. 18 and sold at Rs. 1.80 each. Find the profit or loss

   A) Profit = Rs.3.60   B) Loss = Rs.3.60   C) Rs.19.80   D) Rs. 16.20

39. Mr. Sharnia bought a cupboard for Rs.3200 and sold it for Rs.3104. Find his loss or profit.

   A) Profit = Rs.96   B) Profit = Rs. 104   C) Loss = Rs. 104   D) Loss = Rs.96

40. A Δ with all sides of different lengths is called

   A) a scalene Δ   B) an isosceles Δ   C) an equilateral Δ   D) a right angled Δ

41. The distance between the centre and any point on the circle is called its

   A) circumference   B) diameter   C) chord   D) radius

42. In which of the following group, all figures are quadrilaterals?

   A) triangle, hexagon , pentagon and rectangle

   B) rhombus, parallelogram, trapezium and rectangle

   C) octagon, rhombus, rectangle and triangle

   D) triangle, square, rectangle and rhombus

43. Two lines are called parallel lines, if _____

   A) they intersect at right angle

   B) they meet at a common end point to form an angle

   C) they do not intersect at any point and maintain the same distance between them all through

   D) they form a straight angle

44. We join _____ points to draw a triangle.

   A) 3 collinear

   B) 3 Non collinear

   C) both a) and b)

   D) 2 collinear

45. A polygon is a _____

   A) closed shape with any number of straight sides.

   B) closed shape with curved lines.

   C) open shape with two straight sides.

   D) closed shape with both straight and curved sides.