Duration : 60 min.
Class : 6th

Maximum Marks : 180
Subject : MATHEMATICS

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.

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-6 MATHEMATICS

1. (i) Asccnding order means arrangement from the smallest to the greatest

   (ii) Ascending order means arrangement from the greatest to the smallest

   (iii) Descending order means arrangement from the greatest to the smallest

   (iv) Descending order means arrangement from the smallest to the greatest

   (A) All statements are true
   (B) All statements are false
   (C) Only statements (i) & (iii) are true
   (D) Only statements (ii) & (iv) are true

2. Expand the number 500428

   (A) Five crore four hundred thirty eight
   (B) fifty lakh four hundred twenty eight
   (C) five lakh four hundred twenty eight
   (D) five lakh four hundred eight.

3. If we add 1 more to the greatest 6 digit number we get

   (A) ten lakh
   (B) one lakh
   (C) ten lakh one
   (D) one lakh one

4. (I) All natural numbers are also whole numbers
   (II) One is the smallest natural number

   (A) only I is true
   (B) only II is true
   (C) both are true
   (D) both are false

5. The natural numbers along with zero form the collection of

   (A) Whole numbers
   (B) Integers
   (C) Rational numbers
   (D) Real numbers

6. Predecessor of which two digit number has a single digit

   (A) 9
   (B) 10
   (C) 0
   (D) 11

7. Which natural number has no predecessor

   (A) 0
   (B) 1
   (C) 10
   (D) 100

8. If 36 flats cost Rs 68251500 What is the cost of each flat

   (A) Rs198670
   (B) Rs 135649
   (C) Rs203456
   (D) Rs1895875

9. State the property in statement:256x24=24x256

(A) Associative property in multiplication

(b) commutative property in multiplication

(C) Distributive property in multiplication

(D) Closure property in multiplication

10. The numbers having two factors are called

(A) Even (B) Odd

(C) Prime (D) Composite

11. The numbers having more than two factors are called

(A) Prime numbers (B) Composite numbers

(C) Even numbers (D) Odd numbers

12. If a number is divisible two co-prime numbers than it is divisible by their

(A) Sum also (B) Difference also

(C) Product also (D) Quotient also

13. The product of L.C.M and H.C.F. of two numbers is equal to

(A) Sum of numbers (B) Difference of numbers

(C) Product of numbers (D) Quotients of numbers

14. The number of diagonal in a triangle are:

(A) 3 (B) 2

(C) 0 (D) 1

15. If two lines are perpendicular to each other then angle between them at the point of contact is

(A) 80° (B) 90°

(C) 85° (D) 100°

16. A line segment has definite

(A) breadth (B) length

(C) thickness (D) area

17. The lines which do not intersect and have equal distance between them are called:

(A) parallel lines (B) perpendicular lines

(C) intersecting lines (D) straight lines

18. Number of points a line can have are :

(A) infinite (B) one

(C) two (D) zero.

19. The point at which two lines cross each other is called:

(A) point of intersection (B) point of concurrence

(C) parallel lines (D) concurrent lines.

20. A line segment AB is denoted as:

(A) $\overline{AB}$ (B) $\overleftrightarrow{AB}$

(C) AB (D) both a and c

21. Smallest integer is

(A) 0 (B) - 1

(C) we cannot write (D) - 10000

22. Which of the following statement is true:

(A) 2 subtracted from - 3 gives 1 (B) - 1 subtracted from - 5 gives 6

(C) 3 subtracted from - 8 gives - 11 (D) 1 subtracted from - 7 gives - 6

23. Absolute value of - 11 is

(A) 10 (B) -1

(C) 11 (D) -11

24. Write the fraction representing the shaded region

(A) $\frac{3}{7}$ (B) $\frac{7}{3}$

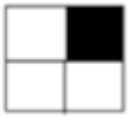
(C) $\frac{4}{7}$ (D) $\frac{7}{4}$

25. Write the fraction representing the shaded region

(A) $\frac{5}{9}$ (B) $\frac{9}{5}$

(C) $\frac{4}{9}$ (D) $\frac{9}{4}$

26. Which fig. represents the shaded portion having fraction $\frac{3}{4}$

(A)  (B) 

(C)  (D) 

27. Shuhham painted $\frac{2}{3}$ of the wall and his sister painted $\frac{1}{3}$ of the wall space. How much did they paint together?

(A) $\frac{2}{3}$ (B) $\frac{1}{3}$

(C) 1 (D) $\frac{1}{2}$

28. Javed was given $\frac{5}{7}$ of a basket of oranges. What fraction of oranges was left in the basket?

(A) $\frac{4}{7}$ (B) $\frac{2}{7}$

(C) $\frac{5}{7}$ (D) $\frac{12}{7}$

29. 108.56 can be written in words as

(A) One hundred eight point fifty six (B) One hundred eight point five six

(C) Ten thousand eight hundred fifty six (D) none of these

29. 5.008 can be written in words as

(A) Five thousand eight (B) Five point eight

(C) Fifty point eight (D) five point zero zero eight

30. Which of the following point lies between 0.1 and 0.2

(A) 0.19 (B) 1.9

(c) 10.9 (D) 1.09

31. 32.549 > 32.458 because

(A) Tenth part is more (B) Hundredth is more

(C) Thousandth is more (D) Whole part of both number are equal

32. Write the numbers given in the following place value table in decimal form

Hundred 100	Tens 10	Ones 1	Tenth 1/10	Hundredth 1/100	Thousandth 1/1000
0	1	2	9	0	2

(A) 12902 (B) 1.292

(C) 12.902 (D) 12.902

33. Which of the following number can be placed in the tenth position if the given number is 97.50

Hundred 100	Tens 10	Ones 1	Tenth 1/10	Hundredth 1/100	Thousandth 1/1000

(A) 9 (B) 5

(C) 7 (D) 0

34. Raju bought a book for Rs. 35.65. He gave Rs. 50 to the shopkeeper. How much money did he get back from the shopkeeper?

(A) Rs. 36.15 (B) Rs. 14.35

(C) Rs. 80.65 (D) Rs. 1.435

Following table shows the number of bicycles manufactured in a factory during the year 1998 to 2002. Read the table and answer the questions given bellow (Q35-Q38)

Years	No.of bicycles manufactured
1998	800
1999	600
2000	900
2001	1100
2002	1200

35. In which year were the maximum number of bicycles manufactured ?

(A) 2002 (B) 2001

(C) 2000 (D) 1999

36. In which year were the minimum number of bicycles manufactured ?

(A) 2002 (B) 1999

(C) 2000 (D) 1998

37. How many bicycles were manufactured from 1998 to 2002?

(A) 4600 (B) 4000

(C) 2400 (D) 2800

38. What is the difference between number of bicycles manufactured in 2002 and 1999 ?

(A) 600 (B) 1200

(C) 500 (D) 1800

39. Which has larger perimeter

(A) a regular pentagon of side 3 cm (B) a regular hexagon of side 3 cm

(C) a regular heptagon of side 3 cm (D) a regular octagon of side 3 cm

40. Area of floor of your class will be _____as the area roof

(A) greater (B) equal

(C) less equal (D) none of above

41. a x h=b x a is

(A) Commutive property under addition

(B) Associative property' under multiplication

(C) Distributive property of multiplication over addition

(D) Closure property

42. ax(b+c)= axb + axc is

(A) Commutive property under addition

(B) Associative property under multiplication

(C) Distributive property of multiplication over addition

(D) Closure property

43. The cost of 105 envelopes is Rs 35. How many envelopes can he purchased for Rs 10 ?

(A) 12 (B) 40

(C) 30 (D) 50

44. Which of the following statement is false:

(A) - 7 +(-6) = -13 (B) - 5 + 1 = 4

(C) 2 + (- 1) = 1 (D) 8 + (- 9) = -1

45. Which of the following group of numbers is non-negative integers?

(A) {... -2, -1, 0} (B) {0, 1, 2, 3, ...}

(C) {1,2, 3, 4 } (D) {..., -5, -4, -3, -2, -1}