CLASS 2: MATH OLYMPIAD SAMPLE PAPER

1. Write the numerical form of "Three Hundred fifty-three".

   A) 353   B) 335   C) 333   D) 343

2. How will you write 999 words form?

A) Nine thousand ninety-nine
B) Nine hundred ninety-nine
C) Ninety-nine hundred
D) All of above

3. Fill in the blank.

   A) > {Greater than}   B) <{Less than}   C) = {Equal to}   D) 0 {Zero}

4. Fill in the blank.

   A) > {Greater than} B) <{Less than} C) = { Equal to} D) 0 {Zero}

Use the picture below and answer the question? (Q.5 to Q.9)

5. Which number will come second in the row if arranged in ascending order?
   A) 745   B) 826   C) 894   D) 999

6. Which number will come last in the row if arranged in ascending order?
   A) 745   B) 826   C) 894   D) 999

7. Which number will come in the second row if arranged in descending order?
   A) 745   B) 826   C) 894   D) 999

8. Which number will come in the last row if arranged in descending order?
   A) 745   B) 826   C) 894   D) 999

9. The two numbers having the least difference are
   A) 745 & 826   C) 894 & 999
   B) 826 & 894   D) 745 & 999

10. Solve the following expression and state whether the answer is even or odd?

   A) Even   B) Odd   C) Composite   D) can't say

11. What is the expanded form of 450?

A) 400+50
B) 400-50
C) 400+0
D) 400

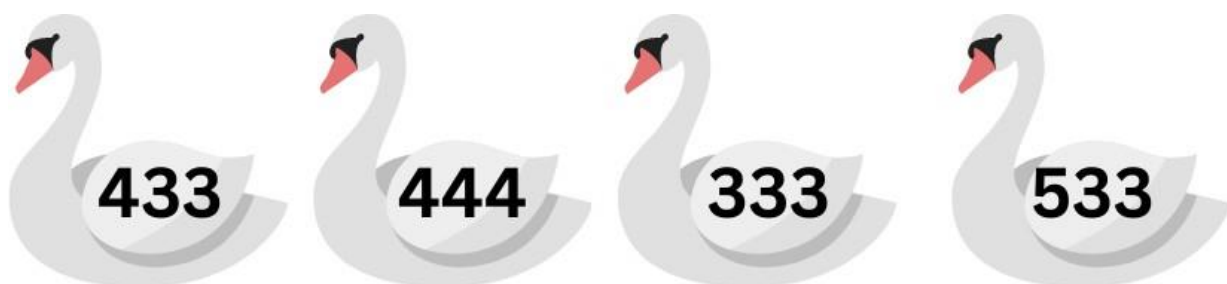12. Even numbers only have 0, 2, 4, 6, and 8 in one's place?

A) True   B) False   C) Both   D) can't say

13. Select the odd one out.

A) 946   B) 947   C) 942   D) 944

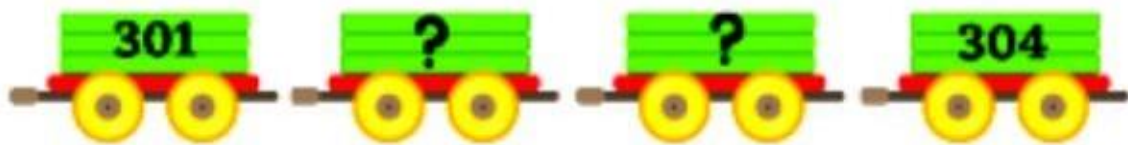14. Select the odd one out.

A) 433   B) 444   C) 333   D)533

15. There were three fifty people on a trek. Of the 34 wanted to live in tents. How many people did not want to live in tents?

A) 315
B) 316
C) 321
D) 300

16. When we skip count by 5, all of the numbers end with_____?

A) 0   B) 1   C) 5   D) Both 5 or 0

17. Fill in the blank.

A) 303, 306

B) 303, 304

C) 305, 306

D) 302, 303

18. Which smallest number can be formed using the given digits?

A) 6,789   B) 6798   C) 6879   D) 6897

19. Solve. 780 - 245=?

A) 500

B) 535

C) 530

D) 534

20. John eats 9 chocolates a day. How many chocolates will he eat in April?

A) 38   B) 30   C) 270   D) 240

21. A local car company was able to make 9 cars a week for 4 weeks, they doubled this amount over the next 4 weeks. How many cars did they make after 8 weeks?

   A) 144   B) 48   C) 96   D)108

Use the picture below and answer the question? (22 to 23)

22. Write a place value of 9?

A) Thousands   B) Hundreds
C) Tens   D) Ones

23. Write place value of 7.

   A) Thousands   B) Hundreds

   C) Tens   D) Ones

24. Stephen is going on a trip for 3 days. If he leaves for the trip on Monday, on what day will he be coming back?

A) Friday
B) Saturday
C) Sunday
D) Thursday

25. There were fifty tennis rackets and fifty-nine hockey sticks. How many more hockey sticks were there than tennis rackets?
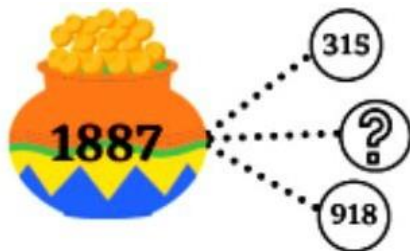A) 10
B) 50
C) 9
D) 5

26. Train A had 450 passengers and train B had 443 passengers. How many passengers are there in total?

A) 893
B) 890
C) 853
D) 900

27. There were three fifty people on a trek. Of the 34 wanted to live in tents. How many people did not want to live in tents?
A) 315
B) 316
C) 321
D) 300

28. Finish the number of bonds for a given pot of gold.
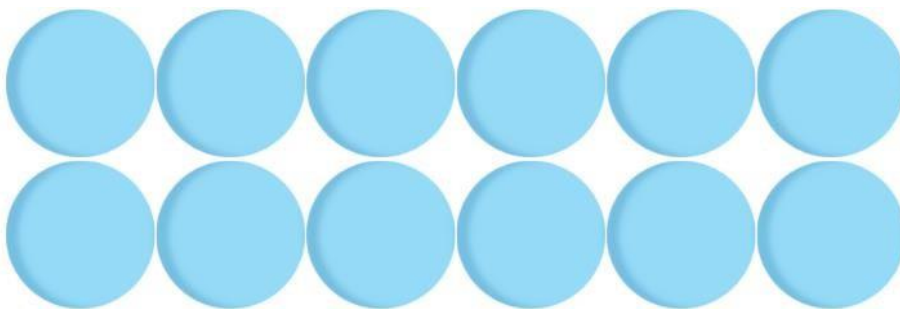

A) 456   B) 465   C) 654   D) 456

29. What comes between 89 and 91?

A) 81
B) 92
C) 90
D) None of the above

30. Sean has 9 balloons. 6 are green and the rest are blue. How many balloons are blue?

A) 4
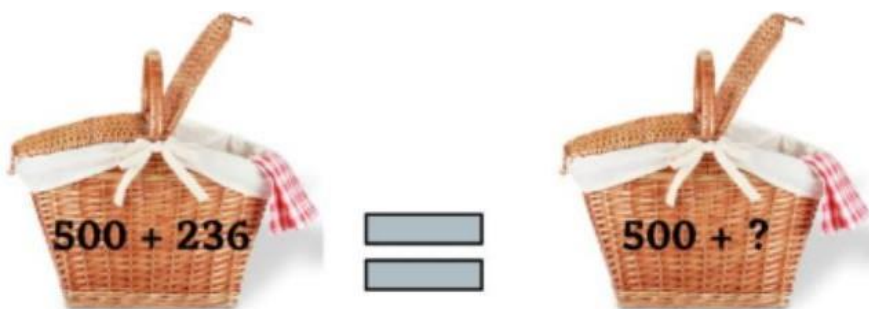B) 5
C) 3
D) 2

31. Which expression can be used to find the total number of balls?

A) 6 x 2   B) 2+2

C) 6+6+6   D) 6^2

32. Fill in the blank.

    A) 256   B)258   C)236   D)259

33. Tom had $6790 in his bank. He withdrew $ 6270 on Tuesday and $ 500 on Thursday. On next Monday, he deposited $ 4530 in the bank .How much amount is still left in his bank?

A) $4550

B) $4510

C) $500

D) $20

Use the picture below and answer the question (34 to 36)

34. Write the number of Faces?

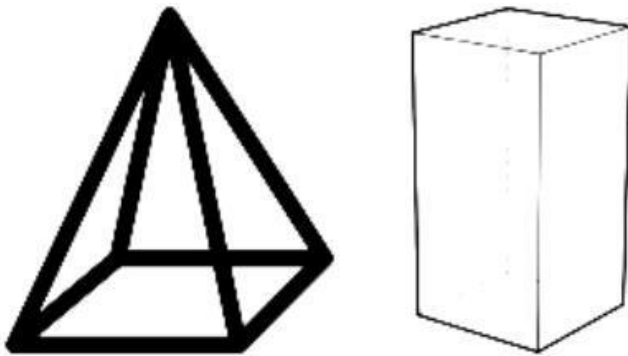A) 6   B) 12   C) 8   D) 4

35. Write the number of Edges?

A) 6   B) 12   C) 8   D) 4

36. Write the number of Vertices?

A) 6   B) 12   C) 8   D) 4

Use the picture below and answer the question. (37 to 39)

37. Count the vertices in each of the shapes, which has more? (Cuboid or pyramid)

  A) Pyramid
  B) Cuboid
  C) Both have equal vertices
  D) None of the above

38. Count the faces in each shape, which has less?
  A) Pyramid
  B) Cuboid
  C) Both have equal number of faces
  D) None of the above

39. Count the edges in each shape, which has less?
  A) Pyramid
  B) Cuboid
  C) Both have equal number of edges
  D) None of the above

40. Julie works at a hospital. She goes to work at 10 in the morning and returns home at 4 P.M. How many hours is Julie's work shift?
  A) 5
  B) 6
  C) 7
  D) 3

41. Sally goes to school at 8 in the morning. After school, she goes straight to her piano classes. If she returns home at 4 in the afternoon, for how many hours was Sally out of the house?

A) 7

B) 8

C) 6

D) 4

42. John went to Greece for holiday with his family on the morning of 29 December 2021. If he comes back after ten days, what is the day of his return?

A) 8th Jan 2022

B) 15th Jan 2021

C) 8th Jan 2021

D) All of the above

43. How many days does July have?

A) 28

B) 29

C) 30

D) 31

44. How many days does January have?

A) 30

B) 38

C) 31

D) 32

45. How many days does February have?

A) 28 or 29

B) 30

C) 31

D) None of the above

46. It was time for school in the morning, when Merry looked at the clock the minute hand was on 10 and hour hand was on eight, what was the time?

A) 7:50 AM
B) 08:10 PM
C) 10:08 PM
D) 08:10 AM

47. Merry wanted to buy 1 Ice cream, 1 Fanta, 3 packs of chips and 1 Cadbury. John gave her $ 5.50 how much extra dollars does she need to pay?

Ice cream cost $1

Fanta $1.5

Chips $0.50 per packet

Cadbury $2.5

A) $ 1.50   B) $ 5   C) $ 1   D) None of above

48. What is the expanded form of the number 632?

A) 600 + 30 + 2
B) 60 + 30 + 2
C) 600 + 3 + 20
D) 60 + 3 + 2

49. Solve the following expression.(5+2) - (3) =?
A) 4   B) 5   C) 6   D) 7

50. John is in the 10th position from upward and 40th position from downward in a row. How many students are there in a row?

A) 50   B) 40   C) 10   D) 49

51. If water is called stone, stone is called tree, tree is called ship, ship is called boat and boat is called car, then where do birds live?
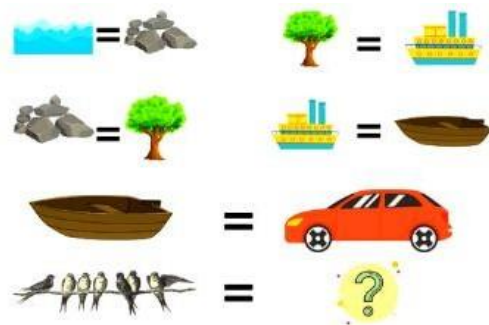
A) Boat   B) Water   C) Ship   D) Stone

52. What is the expanded form of 560?

 A) 500+60

B) 60+400
C) 500-60
D) None of the above

53. What is the expanded form of 114?

A) 110+4
B) 120-6
C) 120+6
D) All of the above

54. What is the expanded form of 834?

A) 800+24
B) 900-30
C) 800+34
D) None of the above

55. Hazel and her two friends went fishing. Hazel caught 4 fish, her three friends each caught 8 fish. How to write this information in mathematical terms?
A) 4+8
B) 4-8
C) 4+8+8+8
D) None of the above

56. There were 14 rugby balls in a storeroom. The rugby coach said 5 balls are missing. How many balls were missing? Write down this in mathematical terms.
A) 14- 5
B) 5
C) 14
D) 14+5

57. Thirty five plus ninety-nine. What is the correct format of writing in mathematical pattern?

A) 40+90
B) 35+99
C) Forty five + ninety nine
D) None of the above

58. Steven participated in a school fair. He set up a sweet shop. If he sold 45 ice-creams, 32 candies and 29 cupcakes, how many sweets did he give away in total?
A) 100
B) 106
C) 102
D) 104

59. Harry painted his garden road with 45 liters of green oil paint and 23 liters of white oil paint. How many liters of paint did Harry use?
A) 79
B) 68
C) 67
D) 70

60. Lushly, Ron and John went on a trip. Ron drove for 780 miles and John drove for 560 miles. How many miles did they travel?
A) 1343
B) 1341
C) 1340
D) None of the above

61. Fill in the missing number in the given mathematical statement.
    340 - ?= 240
A) 240
B) 100
C) 90
D) All of the above

62. The correct way to write 34 in word form is
A) Thirty
B) Four
C) Thirty four
D) All of the above

63. How do we write 678 in word form?
A) Six hundred
B) Seventy eight
C) Six hundred and seventy eight
D) None of the above is correct

64. The correct number form of " five hundred and twenty six" is

A) 500

B) 5026

C) 50026

D) 526

65. Which number makes the following statement true?

$161 + ? = 165 + 2$

A) 6

B) 4

C) 2

D) 3

66. How 99 is written in word form?

A) Nine

B) Ninety nine

C) Hundred

D) 90

67. How 780 is written in word?

A) Seven hundred

B) Eighty

C) Seven hundred and eighty

D) None of the above

68. What is five times five?

A) 20

B) 22

C) 25

D) 30

69. If you have the digits 2, 4, and 6, how many different three-digit numbers can you form without repetition?

A) 3

B) 6

C) 9

D) 12

70. If John has 347 marbles and gives 128 marbles to his friend, how many marbles does he have left?

A) 219

B) 475

C) 2195

D) 275

71. Fill in the blank: 48 + _____ = 97

A) 49

B) 50

C) 51

D) 52

72. Maria had 256 stickers, and her friend gave her 189 more stickers. How many stickers does Maria have now?

A) 445

B) 365

C) 289

D) 101

73. Which of the following shapes has the most vertices?

A) Cube

B) Sphere

C) Cone

D) Cylinder

74. Which is longer: 3 centimeters or 30 millimeters?

A) 3 centimeters

B) 30 millimeters

C) They are the same length

D) Cannot be determined

75. If there are 423 apples, and 167 apples are taken, how many apples are left?
A) 256
B) 590
C) 2560
D) 56

76. Arrange the numbers 426, 624, and 246 in ascending order.
A) 426, 624, 246
B) 246, 426, 624
C) 624, 246, 426
D) 624, 426, 246

77. If there are 8 tens and 3 ones, what
number is represented?
 A) 83
 B) 38
 C) 803
 D) 380

78. How many faces does a rectangular prism have?
A) 2
B) 4
C) 6
D) 8

79. Which transformation involves turning a shape
around a point?
A) Flip
B) Slide
C) Turn
D) None of the above

80. If a pencil is 15 centimeters long, how many millimeters is it?
A) 15 millimeters
B) 150 millimeters
C) 1.5 millimeters
D) 1500 millimeters

81. Which is heavier: 2 kilograms or 2000 grams?

A) 2 kilograms
B) 2000 grams
C) They are the same weight
D) Cannot be determined

82. If a toy costs $8.50, and you give the cashier $10, how much change will you receive?
A) $1.50
B) $2.50
C) $3.50
D) $4.50

83. How many edges does a pyramid have?
A) 2
B) 4
C) 6
D) 8

84. Which container holds more liquid: one that can hold 500 milliliters or one that can hold 0.5 liters?

A) 500 milliliters
B) 0.5 liters
C) They hold the same amount
D) Cannot be determined

85. How many three-digit numbers can be formed using the digits 1, 3, and 5, without repetition?
A) 3
B) 6
C) 9
D) 12

86. If there are 5 packs of crayons, and each pack has 24 crayons, how many crayons are there in total?
A) 120
B) 124
C) 29
D) 520

87. Which shape has the fewest edges and vertices?
A) Cube
B) Cylinder
C) Sphere
D) Pyramid

88. Which is longer: 4 feet or 100 centimeters?
A) 4 feet
B) 100 centimetre's
C) They are the same length
D) Cannot be determined

89. What time of day is it when the hour hand is pointing at 3 and the minute hand is pointing at 12 on a clock?
A) Morning
B) Afternoon
C) Evening
D) Midnight

90. If you buy a toy for $14.99 and pay with a $20 bill, how much change will you receive?

A) $5.01
B) $5.99
C) $6.00
D) $7.01

91. You have 75 candies, and you eat 48 of them. How many candies do you have left?

A) 23
B) 127
C) 48
D) 75

92. Which shape has more sides: a square or a hexagon?

A) Square
B) Hexagon
C) They have the same number of sides
D) None of these

93. Write the number 463 in words?

A) Four hundred sixty-three
B) Forty-six three
C) Four hundred three
D) Four hundred sixty

94. Which equation represents the sum of 56 and 39?

A) 56 + 9 = 39
B) 56 + 39 = 95
C) 56 + 93 = 149
D) 56 + 49 = 105

95. You had 256 marbles, and you gave 113 marbles to your friend. How many marbles do you have left?

A) 143
B) 1433
C) 1430
D) 14300

96. Which shape has more edges: a cone or a cylinder?
A) Cone
B) Cylinder
C) They have the same number of edges
D) Cannot be determined

97. Count forwarded by twos from 30.

30,...?..., ...?...,...?....,.
A) 32, 34, 36
B) 34, 35, 36
C) 36, 37, 38
E) All the options are correct.

98. Choose the option which has all the odd numbers from the given numbers.

3, 4, 5, 7, 8, 9, 10.

A) 3, 4, 7, 10
B) 3, 5, 7, 9
C) 4, 8, 10
D) None of the above

99. A store sells packs of chocolates that have 20 chocolates in each pack. The two packs are arranged 15 across and 10 deep on each shelf, how many total chocolates are there in store?

A) 1500   B) 5000   C) 3000   D) 2000

100.   14 families in society together bought 8 sacks of wheat, each 4 weighing 98kilos. If they shared all the wheat equally, what was the share of each family?

A) 40 kg   B) 14 kg   C) 50 kg   D) 56 kg

101. Jerry started water pump at 10.30 at night and put it off the Same night at a quarter to twelve. How long was the water pump on?
A) 30 minutes
B) 1 hour 15 minutes
C) 1 hour
D) 45 minutes

102. I have 400 grams of rice. I have to make pouches of 60 Grams each. How much more rice will I need?

A) 20 grams   B) 30 grams   C) 40 grams   D) 50 grams

103. Shopkeeper bought 7 cookers at a rate of 50 dollars per cooker. He sold all for 500 dollars. Did he get less or more money than he has spent?

A) More   B) Less   C)Equal amount of money   D)Can't say

104. Length of one side of the square is 6-cm. Find perimeter in cm.

A) 24   B) 36   C) 18   D) 6

105. How much wire will be needed to put a triple fence around a square plot with side 30 m?

A) 120 m   B) 360 m   C) 40 m   D) 100 m

106. Which even number comes next in the given sequence?
2, 4, 6, 8, 10,…..?
A) 6
B) 8
C) 10
D) 12

107. Which odd number comes next in the given sequence?
57, 59, 61, 63, …..?
A) 64
B) 65
C) 66
D) 69

108. Which even number comes before 13 but after 10?

  A) 12
  B) 14
  C) 9
  D) None of the above

109. Which odd number comes before 34 but after 31?

   A) 34
   B) 35
   C) 33
   D) All of the above

 110. If Sara started walking at 11 in morning, and reached destination at 3.30 in the afternoon, how long did she walk?

   A) 4 hours
   B) 4 hours 30 minutes
   C) 4 hours 15 minutes
   D) 1 hours 10 minutes

111. Ron had 34 matchsticks, 4 balloons, 43 cards. He counted all of it to get the total number of things he had. What number would he get? Is the number that he got even or odd?
A) 80, even
B) 80, odd
C) 81, odd
D) None of the above

112. Arrange the given numbers in ascending orders. 2, 4, 7, 9, 23, 1.
A) 1, 2, 4, 7, 23, 9
B) 1, 2, 4, 7, 9, 23
C) 1, 4, 9, 7, 23, 2
D) None of the above

113. Arrange the given numbers in descending order. 34, 67, 82, 42
A) 82, 42, 34, 67
B) 67, 42, 82, 34
C) 82, 67, 42, 34
D) None of the above

114. Arrange the following numbers in ascending order. 203, 29, 45, 78, 90, 101.
A) 29, 45, 78, 90, 101, 203
B) 203, 101, 90, 78, 45, 29
C) 203, 90, 101, 45, 78, 29
D) None of the above

115. Arrange the following numbers in descending order. 47, 56, 78, 42, 0
A) 78, 56, 42,47, 0
B) 78, 56, 0, 47, 42
C) 0, 42, 27, 56, 78
D) 78, 56, 47, 42, 0

116. 44-----44. Which words make this
statement true?
A) More than
B) Less than
C) Equal to
D) None of the above

117. 49------324. Which words make this statement true?
A) More than
B) Less than
C) Equal to
D) Can't say

116. 349 ----- 458. Which sign makes this statement true?
A) < { Less than}
B) > {Greater than}
C) = {Equal to}
D) 0 {Zero}

117. 564 ----- 437. Which sign makes this statement true?

A) < { Less than}

B) }> {Greater than

C) = {Equal to}

D) 0 {Zero}

118. 890 ----- 890. Which sign makes the above statement true?

A) < { Less than}

B) > {Greater than}

C) = {Equal to}

D) 0 {Zero}

119. 435 ---578. Which sign makes the above statement true?

A) < { Less than}

B) > {Greater than}

C) = {Equal to}

D) 0 {Zero}

120. Add 576 + 9

A) 745

B) 585

C) 784

D) 564

121. Add 953 + 56

A) 1009

B) 1008

C) 1007

D) 1000

122. Subtract. 778- 34=?

A) 756

B) 758

C) 744

D) 689

123. What is the value of 107+179=?

A) 276
B) 286
C) 285
D) 184

124. What is the value of 783- 673=?

A) 111
B) 110
C) 143
D) 123

125. A vendor purchased 5 bicycles at a rate of 120 dollars per bicycle. Later, the vendor sold all the bicycles for 700 dollars. Did the vendor get more or less money than they spent?

A) More
B) Less
C) Equal amount of money
D) Can't say

- ANSWER KEY

QUESTION NO.	ANSWER	QUESTION NO.	ANSWER
1	A	41	B
2	B	42	A
3	B	43	D
4	C	44	C
5	B	45	A
6	D	46	D
7	C	47	C
8	A	48	A
9	B	49	A
10	B	50	D
11	A	51	C
12	A	52	A
13	B	53	A
14	B	54	C
15	B	55	A
16	D	56	B
17	D	57	B
18	A	58	B
19	B	59	B
20	C	60	C
21	D	61	B
22	C	62	C
23	B	63	D
24	D	64	D
25	C	65	A
26	A	66	B
27	B	67	C
28	C	68	C
29	C	69	B
30	C	70	A
31	A	71	C
32	C	72	A
33	A	73	A
34	A	74	C
35	B	75	A
36	C	76	B
37	B	77	A
38	B	78	C
39	A	79	C
40	B	80	B

ANSWER KEY

QUESTION NO.	ANSWER		QUESTION NO.	ANSWER
81	C		121	B
82	A		122	A
83	D		123	C
84	C		124	B
85	B		125	A
86	A			
87	C			
88	A			
89	B			
90	A			
91	A			
92	B			
93	A			
94	B			
95	A			
96	B			
97	C			
98	B			
99	B			
100	A			
101	A			
102	A			
103	B			
104	D			
105	B			
106	A			
107	C			
108	B			
109	C			
110	B			
111	C			
112	A			
113	D			
114	C			
115	A			
116	A			
117	B			
118	A			
119	A			
120	B			