

## MATHEMATICS SECTION

1. What is the difference between the place value and the face value of 5 in the number 35023?

- A) 5
- B) 5005
- C) 5000
- D) 4995

2. One crore is equal to:

- A) 1 million
- B) 10 million
- C) 10 crore
- D) 100 crore

3. If  $p$  is the successor of  $q$ , then what will be the value of  $p - q$ ?

- A) 0
- B) 1
- C) -1
- D) 2

4. The cost price of 19 bats is ₹48,811. If the cost price of each bat is the same, what is the cost price of each bat?

- A) ₹2,569
- B) ₹2,559
- C) ₹2,549
- D) ₹2,568

5. When -1 is multiplied by itself 50 times, the product is:

- A) -50
- B) 50
- C) -1
- D) 1

6. What is the value of  $88888 + 8888 + 888 + 88 + 8$ ?

- A) 99,760
- B) 98,760
- C) 97,770
- D) 98,960

7. What will be the sum of the first 5 multiples of 9?

- A) 125
- B) 145
- C) 130
- D) 135

8. How many of the natural numbers between 100 and 300 are multiples of both 3 and 5?

- A) 12
- B) 13
- C) 14
- D) 19

9. Find the greatest common factor (GCF) of 16, 24 and 36.

- A) 1
- B) 2
- C) 12
- D) 4

10. Find the least number which, when divided by 24, 36 and 54, leaves a remainder of 5 in each case.

- A) 216
- B) 221
- C) 213
- D) 211

11. The product of two decimal numbers is 3.23. If the first number is 1.7, then what is the second number?

- A) 1.3
- B) 1.9
- C) 2.3
- D) 2.9

12.

Simplify as a decimal:  $1 + \frac{1}{10} + \frac{1}{100} + \frac{1}{1000} + \frac{1}{10000}$

- A) 0.1111
- B) 1.111
- C) 1.1111
- D) 1.0111

13. 3450 grams is equal to:

- A) 3 kg 45 g
- B) 3 kg 450 g
- C) 34 kg 50 g
- D) 34 kg 5 g

14. A train is traveling at a speed of 90 km/h. What distance will it cover in 24 seconds?

- A) 550 m
- B) 580 m
- C) 600 m
- D) 620 m

15. Simplify:  $37-23+14-8+4-3$

- A) 23
- B) 27
- C) 30
- D) 33

16. What is the sum of 700% of 3.2 and 300% of 4.5?

- A) 9.8
- B) 6.8
- C) 7.3
- D) 8.9

17. What was the cost price of a chair sold at 10% profit for ₹600?

- A) ₹733.33
- B) ₹550
- C) ₹600
- D) ₹650

18. Simple interest on ₹8,000 after 5 years becomes ₹3,200. Find the percentage rate per annum.

- A) 5%
- B) 6%
- C) 8%

- D) 12%

19. Find the perimeter of the given figure (all sides in cm).

- A) 48 cm
- B) 50 cm
- C) 52 cm
- D) 54 cm

20. Find the average of the first five prime numbers.

- A) 4.75
- B) 3.25
- C) 4.25
- D) 5.25

21. Find the value of  $x$  if  $25=16+x$

- A) 20
- B) 25
- C) 40
- D) 35

22. The cost of 12 oranges is ₹72. What will be the cost of 26 oranges?

- A) ₹136
- B) ₹146
- C) ₹156
- D) ₹166

23. What is the difference between the greatest 7-digit number and the smallest 4-digit number?

- A) 9,990,999
- B) 9,993,999

- C) 9,996,999
- D) 9,998,999

24. What is the difference between the greatest 6-digit number and the greatest 5-digit number?

- A) 100,000
- B) 100,001
- C) 99,999
- D) 900,000

25. When  $-1$  is multiplied by  $-1$  one hundred times, the product is:

- A) 1
- B) -1
- C) 100
- D) -100

26. What is the sum:  $15+1+2+12+5+5+8+7+7+4+2$ ?

- A) 29
- B) 72
- C) 92
- D) 112

27. Simplify as a fraction:  $2.75+1.25+4.75+3.80$

- A)  $19/10$
- B)  $29/10$
- C)  $49/20$
- D)  $109/20$

28. 150% is equal to:

- A) 1.5
- B) 5.1
- C) 0.15
- D) 15.0

29. What time is written as 3:05 in the afternoon?

- A) 5:30 am
- B) 5:30 pm
- C) 3:50 pm
- D) 3:05 pm

30. A passenger train running at 80 km/h leaves the station 6 hours after a goods train leaves and overtakes the goods train in 4 hours. What is the speed of the goods train?

- A) 32 km/h
- B) 48 km/h
- C) 60 km/h
- D) 50 km/h

31. A man traveling at 30 km/h reaches his destination 10 minutes late; while traveling at 42 km/h, reaches 10 minutes early. What is the distance covered?

- A) 36 km
- B) 35 km
- C) 40 km
- D) 42 km

32. 5045 grams is equal to:

- A) 50 kg 45 g
- B) 5 kg 45 g
- C) 5 kg 45 g

- D) 50 kg 45 g

33. What is the volume of the cuboid obtained when two solid cubes of side 10 cm are placed side by side?

- A) 500 cm<sup>3</sup>
- B) 2,000 cm<sup>3</sup>
- C) 1,000 cm<sup>3</sup>
- D) 10,000 cm<sup>3</sup>

34.

The length of a rectangular plot is twice its breadth. A square swimming pool of side 8 m occupies  $\frac{1}{8}$  of the plot. What is the length of the plot?

- A) 64
- B) 32
- C) 16
- D) 36

35. A box contains 500 eggs. 325 eggs were broken. 45 of the remaining eggs were sold. The number of eggs left is:

- A) 80
- B) 88
- C) 40
- D) 36

36. How many rectangular strips of 10 cm x 8 cm will be required to completely cover the floor of a room of 12 m x 10 m?

- A) 12,000
- B) 15,000
- C) 10,000

- D) 18,000

37. What principal amount will become ₹6,600 in 4 years at 8% per annum simple interest?

- A) ₹6,000
- B) ₹5,000
- C) ₹4,000
- D) ₹6,200

38. There is a loss on selling an article for ₹500. If this article is sold for ₹700, then the shopkeeper gains 3 times the loss incurred earlier. What is the cost price of this article?

- A) ₹525
- B) ₹550
- C) ₹600
- D) ₹650

39. A fruit seller buys lemons at the rate of 2 for ₹1 and sells at the rate of 5 for ₹3. What is his profit percentage?

- A) 8%
- B) 10%
- C) 15%
- D) 20%

40. Which of the following statements is true regarding zero?

- A) Zero is an odd number
- B) Zero is an even number
- C) Zero is a prime number
- D) Zero is neither odd nor even

41. The difference between the greatest and the smallest 5-digit number formed by the digits 3, 0, 6, 7, 9 (no repetition) is:

- A) 93,951
- B) 67,061
- C) 66,951
- D) 60,840

42. What is the sum of the place values of 5 in the number 584356?

- A) 10
- B) 50,050
- C) 5,050
- D) 500,050

43. How many numbers divisible by both 3 and 5 are there in the first 100 natural numbers?

- A) 10
- B) 9
- C) 7
- D) 6

44. Which of the following numbers is divisible by 3, 4, 5 and 6?

- A) 36
- B) 60
- C) 80
- D) 90

45. If  $A=31.36$  and  $B=45.63$ , then  $2A-B$  is equal to:

- A) 17.09
- B) 30.70
- C) 18.79
- D) 23.63

46. The angle between the hands of a clock at exactly 9:00 is:

- A) Acute angle
- B) Right angle
- C) Obtuse angle
- D) None of these

47. How many times does the digit 7 appear in the numbers from 0 to 108?

- A) 20
- B) 19
- C) 22
- D) 21

48. If 90 is subtracted from 70% of a number, the result is 120. What is the value of the number?

- A) 150
- B) 300
- C) 450
- D) 270

49. For what value of N is  $43N$  divisible by 9?

- A) 1
- B) 2
- C) 3
- D) 7

50. There are 420 boys and 180 girls in a school. What is the ratio of the number of girls to the total number of students?

- A) 2:5
- B) 3:5

- C) 1:10
- D) 3:10

## GENERAL KNOWLEDGE SECTION

51. On which river is the Bhakra Dam built?
- A. Mahanadi
  - B. Krishna
  - C. Diameter
  - D. Sutlej
52. Balloon was invented by
- A. Norton
  - B. Smith
  - C. Michael Faraday
  - D. Newton
53. The First Bank in India
- A. Bank of Hindustan
  - B. Bank of Baroda
  - C. Bank of Rajasthan
  - D. Bank of Punjab
54. In a normal healthy man, the quantity of blood is about
- A. 3 litres
  - B. 4 litres
  - C. 5 litres
  - D. 6 litres
55. Which part of the body gets affected in Pleurisy?
- A. Joints
  - B. Lungs
  - C. Liver
  - D. Throat
56. The river known as Sorrow of Bihar is
- A. Kosi
  - B. Ravi

- C. Banas
- D. Yamuna

57. Where is the headquarter of the National Human Rights Commission?

- A. Delhi
- B. Mumbai
- C. Ahmedabad
- D. Kolkata

58. The first speaker of Lok Sabha was

- A. K.M. Munshi
- B. C.D. Deshmukh
- C. G.V. Mavalankar
- D. H.J. Kania

59. Where is the Tungabhadra sanctuary located?

- A. Madhya Pradesh
- B. Uttar Pradesh
- C. Karnataka
- D. West Bengal

60. Name the person who was also known as Deshbandhu.

- A. S. Radhakrishnan
- B. G.K. Gokhale
- C. Chittaranjan Das
- D. Madan Mohan Malviya

61. The capital of Uttarakhand is

- A. Masoorie
- B. Dehra Dun
- C. Nainital
- D. None of these

62. What is the standard length for meter gauge track in Indian Railways?

- A. 1000 mm
- B. 1676 mm
- C. 762 mm
- D. 610 mm

63. In 2017 which Space Agency sends 104 satellites in a single mission?

- A. ISRO
- B. NASA

- C. Russian Agency
- D. China Space Agency

64. When is the maximum distance between the Sun and the Earth determined?
- A. 1st June
  - B. July 3
  - C. 4th July
  - D. August 5
65. Who built the telescope?
- A. Charles Darwin
  - B. Newton
  - C. Gregory Mendel
  - D. Galileo
66. The first woman Chief Minister of an Indian State is
- A. Sarojini Naidu
  - B. Indira Gandhi
  - C. Sucheta Kripalani
  - D. Rajkumari Amrita Kaur
67. Which is the deepest ocean in the world?
- A. Arctic
  - B. Atlantic
  - C. Pacific
  - D. Indian
68. The biggest dome in the world is at
- A. Bijapur
  - B. Bidar
  - C. Fatehpur Sikri
  - D. Golconda
69. All the following belong to the nervous system except
- A. Capillaries
  - B. Nerves
  - C. Brain
  - D. Spinal Cord
70. Name of the only Indian Prime Minister who never faced the parliament during his tenure?
- A. Atal Behari Vajpayee

- B. Choudhary Charan Singh
- C. Chandrasekhar
- D. Vishwanath Pratap Singh

71. Which of the following is not a conductor of electricity?

- A. Copper
- B. Aluminium
- C. Water
- D. Tungsten

72. Which is the third largest desert in the world?

- A. Sahara Desert
- B. Gobi Desert
- C. Thar Desert
- D. Arabian Desert

73. Who discovered insulin?

- A. Batting and Best
- B. Batting and Creek
- C. Robern Brown
- D. Robert Cook

74. Transformer is used

- A. to oxidise or reduce AC voltage
- B. To convert DC voltage to AC
- C. AC to DC to convert to C
- D. DC to oxidise or reduce voltage

75. When was Ambedkar Jayanti celebrated in India?

- A. 14th April
- B. 15th April
- C. 16th April
- D. 17th April

## **ENGLISH SECTION**

Directions (76–80): Read the following passage and answer the questions.

I lay in sorrow deep distressed:

My grief a proud man heard,

His looks were cold, he gave me gold.

But not a kindly word.  
My sorrow passed I paid him back  
The gold he gave to me,  
Then stood erect and spoke my thanks  
And blessed his charity.  
I lay in want and grief, and pain  
A poor man passed my way  
He bound my head, he gave me bread;  
He watched me night and day;  
How shall I pay him back again  
For all he did to me?  
Oh, gold is great, but greater far  
Is heavenly sympathy.

76. One day the poet was in  
(A) trouble  
(B) need of money  
(C) need of a friend  
(D) depression.
77. The proud rich man offered the poet  
(A) sympathy  
(B) money  
(C) bread  
(D) tea.
78. The poet was in a fix because  
(A) he didn't know how to pay back to the rich proud man  
(B) he didn't know the poor man who served him so much  
(C) he wanted to give money to the poor man but he had no money  
(D) he didn't know how to pay back to the poor man's service to him.
79. The poet realised in the last that  
(A) the poor man was better than the rich man  
(B) sympathy was more valuable than gold  
(C) the rich man was better than the poor man  
(D) money was the most important thing in the world.
80. The word that means opposite to sorrow is  
(A) carelessness  
(B) ability

- (C) joy
- (D) beauty.

Directions (81 - 83): Rearrange the following words/Phrases to make meaningful sentences.  
Choose the correct sequence.

81. caught (A) / the police (B) / a thief (C) / have (D)

- (A) bacd
- (B) bdac
- (C) cdab
- (D) dacb

82. jumped (A) / the box (B) / the cat (C) / upon (D)

- (A) cadb
- (B) dbac
- (C) dcab
- (D) cdab

83. been (A) / my book (B) / stolen (C) / has (D)

- (A) adcb
- (B) bdac
- (C) cadb
- (D) bdca

Directions (84 - 87): Fill in the blanks with the appropriate option.

84. Health is ..... wealth.

- (A) preferable to
- (B) more preferable than
- (C) more preferable to
- (D) most preferable than

85. .... the students in the class got prizes.

- (A) Each and every
- (B) Each
- (C) Every
- (D) All

86. A woman is ..... sensitive than a man.

- (A) much
- (B) most

- (C) more
- (D) many

87. No sooner said .....

- (A) so done
- (B) when done
- (C) than done
- (D) but done

Directions (88 - 90): Fill in the blanks as the direction given in the brackets.

88. She usually ..... the baby down for sleep at time. (Choose the correct form of verb)

- (A) layed
- (B) laid
- (C) lay
- (D) lays

89. We went to the ..... to see how coins are made. (Write the correct word that refers to the place)

- (A) mint
- (B) winery
- (C) tannery
- (D) arsenal

90. There was an ..... in the highway last night. (Choose the correctly spelt word).

- (A) acident
- (B) accidnt
- (C) accidnt
- (D) accident

Directions (91 – 93): Choose the most appropriate option.

91. Which word means nearly the same as 'FICTION'?

- (A) fact
- (B) reality
- (C) novel
- (D) excuse

92. Which word is the opposite of 'ACQUIT'?

- (A) release

- (B) convict
- (C) conceal
- (D) excuse

Directions (93 – 94): Choose the appropriate option to fill in the blanks.

93. 'Lives' is for 'life', ..... is for 'shelf'.

- (A) shelves
- (B) shelfes
- (C) shelves
- (D) selves

94. 'Knowledge' is for 'know' , ..... is for 'free'.

- (A) freedom
- (B) captivity
- (C) independence
- (D) relief

Directions (95 – 96): Select the most appropriate option for the question tag.

95. He has completed his job,.....?

- (A) has he
- (B) isn't he
- (C) hasn't he
- (D) is he

96. She does not study regularly,.....?

- (A) does she
- (B) did she
- (C) doesn't she
- (D) don't she

97. Lasting only for a very short time

- (A) transparent
- (B) temperate
- (C) temporary
- (D) decade

98. He ..... In England for a decade but he still does not have command over English language. (Use correct Tense).

- (A) have been living
- (B) has been living

- (C) have lived
- (D) is living

99. Choose the form of pronoun for the underlined word in the following sentence.

I wash myself when I get up.

- (A) Reflexive
- (B) Personal
- (C) Distributive
- (D) Demonstrative

100. Rohan ..... The movie before he read the review.

- (A) watches
- (B) have watched
- (C) had watched
- (D) was watching

## **INTELLIGENCE SECTION**

101. Select the missing number from the given alternatives: 21, 27, 32, 36, 39, ?

- (A) 48
- (B) 43
- (C) 41
- (D) 52

102. 01.12.1991 is the first Sunday. Which is the fourth Tuesday of the December 1991?

- (A) 17.12.91
- (B) 24.12.91
- (C) 26.12.91
- (D) 31.12.91

103. Select the related word from the given alternatives: Hockey : stick :: cricket : ?

- (A) bat
- (B) stadium
- (C) pitch
- (D) batsman

104. Sanjay was going in the south-east direction. He suddenly turns 90 degrees right.

Which direction is he facing now?

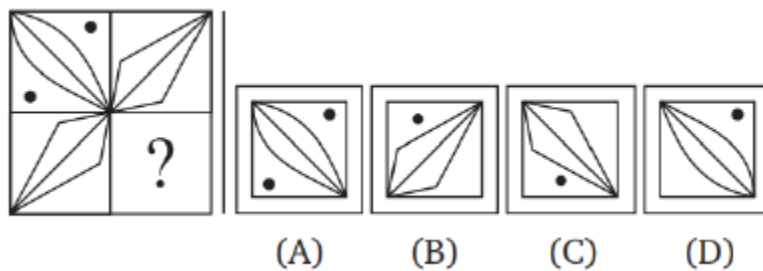
(A) South east

(B) North east

(C) North west

(D) South west

105. Choose the correct alternative from the given ones that will complete the series.



106. If  $F = 6$  and  $MAT = 34$ , then what will be the value of  $NET$ ?

(A) 36

(B) 25

(C) 39

(D) 29

107. In a certain code language, "FRINGE" is written as "HTKRKI". How is "WRIGHT" written in that code language?

(A) WTLKKY

(B) XSLKLY

(C) YTKKLX

(D) TKKLXY

108. If 'L' means '+', 'M' means '-', 'N' means ' $\times$ ' and 'P' means ' $\div$ ', find the value of  $11 N 8 L 6 P 2 M 10$  is

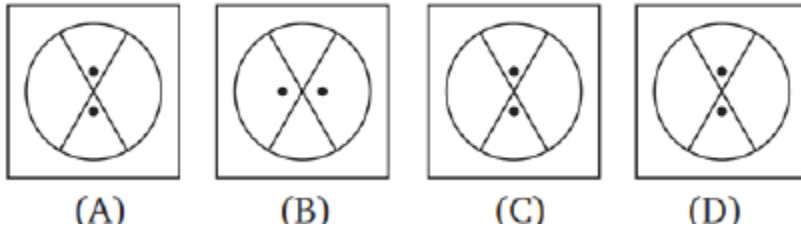
(A) 90

(B) 85

(C) 81

(D) 80

109. Find out odd one:



110. Five girls are sitting in a row. Radha is to the right of Renu. Khushi is to the left of the Renu but to the right of Nitya. Radha is the left of Mahi. Then the girl in the extreme left is:

(A) Mahi

(B) Nitya

(C) Radha

(D) Khushi

111. Arrange the given words in the sequence in which they occur in the dictionary

• Doom

• Down

• Drone

• Drape

• Ding

(A) 51243

(B) 51234

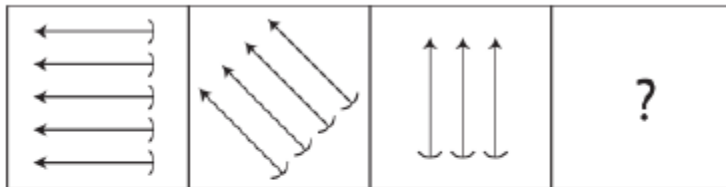
- (C) 52143
- (D) 52134

112. Fill in blanks : Green : colour :: Apple.....

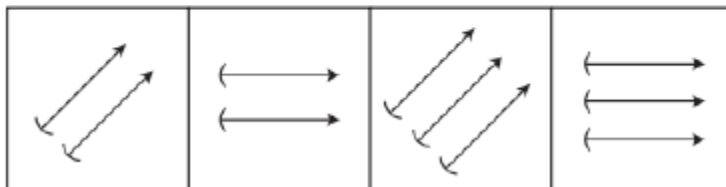
- (A) Red
- (B) Fruit
- (C) Round
- (D) Sweet

113. Select the related figure from the given alternatives.

**Problem Figures**



**Answer Figures**



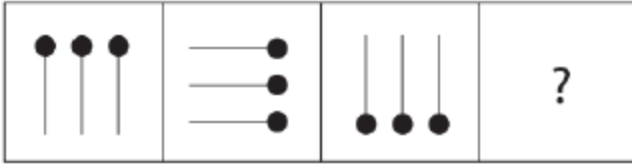
- (A)
- (B)
- (C)
- (D)

114. Complete the letter series with suitable option. a – a – a – a – ab - c

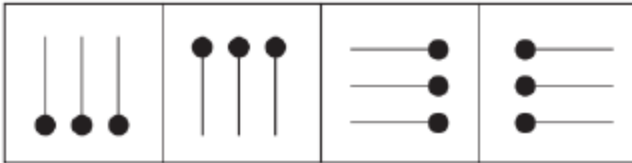
- (A) bcbac
- (B) bbcca
- (C) acacb
- (D) bcbca

115. Select the figure from the answer set that would come in place of the question mark (?).

**Problem Figures**



**Answer Figures**



(A)

(B)

(C)

(D)

116. Find the missing number: 12, 15, 21, 30, 42, 57, .....

(A) 59

(B) 63

(C) 65

(D) 75

117. Select the odd number-pair from the given alternatives:

(A) 13-171

(B) 11-123

(C) 5-27

(D) 7-53

118. Pune is bigger than Jhansi. Sitapur is bigger than chittor. Rajgarh is not as big as Jhansi but bigger than Sitapur. which of the following is the smallest city

(A) Pune

(B) Jhansi

(C) Sitapur

(D) chittor

119. Select the odd letter from the given alternatives:

(A) QUYC

(B) UYCH

(C) GKOS

(D) RVZD

120. 'Paddy' is related to 'Field' in the same way as 'Steel' is related to :

(A) Mine

(B) Factory

(C) Iron

(D) Ore

121. Fill in the blank :Red : Colour :: Pen : ?

(A) Stationery

(B) write

(C) Ink

(D) Blue

122. The bell of a watch takes 9 seconds to chime 6 times. how much time will it take to chime 10 times at the same rate?

(A) 6.67 seconds

(B) 12 seconds

(C) 15 seconds

(D) 10 seconds

123. CAT is to DDY as BIG is to

(A) CLL

(B) CLM

(C) CML

(D) CEP

124. Fine the missing term in the alphabet series : B, E, H, K, N, ....., .....

(A) Q, T

(B) Q, S

(C) P, R

(D) O, R

125. Select the word which CANNOT be formed using the letters of the given word.

INCARNTION

(A) RAIN

(B) CARE

(C) COIR

(D) TRAIN

### Sainik School Mock Test Paper Class 6 Answer Key

1-D	14-C	27-A	40-D	53-A	66-C	79-B	92-B	105-A	118-D
2-B	15-B	28-A	41-C	54-C	67-C	80-C	93-C	106-C	119-B
3-B	16-D	29-D	42-D	55-B	68-A	81-B	94-A	107-C	120-B
4-A	17-C	30-A	43-D	56-A	69-A	82-A	95-C	108-C	121-A
5-C	18-C	31-B	44-B	57-A	70-B	83-B	96-A	109-B	122-C
6-B	19-A	32-B	45-A	58-C	71-D	84-A	97-C	110-B	123-A
7-D	20-C	33-B	46-B	59-C	72-A	85-D	98-B	111-A	124-A
8-B	21-A	34-B	47-D	60-C	73-A	86-C	99-A	112-B	125-B
9-D	22-C	35-B	48-B	61-B	74-A	87-C	100-C	113-A	
10-B	23-D	36-B	49-B	62-A	75-A	88-D	101-C	114-D	
11-B	24-D	37-B	50-D	63-A	76-A	89-A	102-B	115-D	

12-C	25-B	38-B	51-D	64-C	77-B	90-D	103-A	116-D	
13-B	26-C	39-D	52-C	65-D	78-D	91-C	104-D	117-D	