



All India Sainik Schools Entrance Examination

Time - 2 hrs 30 minutes

Marks – 300

Name - _____

Class - _____

Paper - Mathematics, Intelligence, Language And G.K Test

Section – A Mathematics

- Find the average of first ten natural number.
(a) 4.5 (b) 5.2 (c) 5.5 (d) 5.8
- What is the average of the following number ?
12, 8, 19, 15 and 13
(a) 13.4 (b) 12.8 (c) 14.2 (d) 12.4
- Find the average of 23.79, 47.83 and 58.64.
(a) 41.76 (b) 42.58 (c) 43.42 (d) 44.28
- In a family of five members, the age of father is 42 years, that of the mother is 38 years and the sum of the ages of the three children is 49 years. Find the average age of the family.
(a) 24.4 years (b) 26.2 years
(c) 25.8 years (d) 25.4 years
- What is the average of the first six composite numbers?
(a) 7.34 (b) 9.36
(c) 7.84 (d) 8.16
- The average age of A, B and C was 25 year and that of B and C was 25 year A's present age is.
(a) 30 year (b) 25 year (c) 40 year (d) 42 year
- What is the average of the first seven multiples of 14?
(a) 52 (b) 54 (c) 56 (d) 58
- What is the average of the first twelve counting numbers?
(a) 12 (b) 13 (c) 12.5 (d) 6.5
- What is the average of all the even numbers from 40 to 50?
(a) 44 (b) 45 (c) 46 (d) 47
- The average of t terms is 50. If the first 4 terms are 45, 42, 119 and 84 what will be the last terms
(a) 56 (b) -20 (c) -40 (d) -50
- What is the average of all the even numbers lying between 60 and 70?
(a) 64 (b) 64.5 (c) 65.5 (d) 65
- The weights of three students are 48.5 kg, 52 kg and 57 kg. Find the average weight of the students.
(a) 52.5 kg (b) 53 kg (c) 53.5 kg (d) 54 kg
- Find the average of the first four prime numbers.
(a) 2.75 (b) 4.25 (c) 3.75 (d) 5.25
- Find the average of the first eight prime numbers.
(a) 8.125 (b) 8.625 (c) 9.625 (d) 9.125
- Find the average of all the prime numbers lying between 30 and 50.
(a) 39.8 (b) 38.6 (c) 40.2 (d) 36.4



16. Find the average of all the prime numbers lying between 70 and 100.
(a) 82.4 (b) 86.8 (c) 83.6 (d) 82
17. A train runs for 3 hour at a speed of 55 km/m and for the next 2 hour at a speed of 65 km/m find the average speed of train for the 5 hour journey .
(a) 59.58 (b) 60 (c) 70 (d) 80
18. What is the average of first twenty odd numbers?
(a) 18.5 (b) 21 (c) 20 (d) 20.5
19. Out of 52, 64, 72, 78, 82, 65, the numbers that have 13 as a factor are
(a) 52,65 (b) 52, 65, 72
(c) 52, 65, 78 (d) 52, 65, 82
20. The factors of 50 are
(a) 1, 2, 5, 10, 25
(b) 1, 2, 4, 5, 10, 25, 50
(c) 1,2, 5, 25, 50
(d) 1, 2, 5, 10, 25, 50
21. Which of the following numbers is not a factor of 24?
(a) 8 (b) 6 (c) 12 (d) 9
22. The product of the seventh and the fourteenth multiple of 15 is
(a) 21080 (b) 21960
(c) 22150 (d) 22050
23. How many natural numbers up to 100 are there which are multiples of both 3 and 4 ?
(a) 7 (b) 8 (c) 9 (d) 12
24. Which of the following is not a multiple of 8 ?
(a) 56 (b) 96 (c) 86 (d) 112
25. What is the prime factorization of 90 ?
(a) $2 \times 3 \times 5$ (b) $2 \times 3^2 \times 5$
(c) $2^2 \times 3^2 \times 2$ (d) $2^3 \times 3 \times 5$
26. Find the four common multiples of 5, 2 and 3.
(a) 10, 20, 30 40 (b) 15, 30, 45, 60
(c) 30. 60, 90, 120 (d) 40, 80,120, 160
27. Which is the following is the smallest composite number ?
(a) 1 (b) 2 (c) 5 (d) 4
28. x is a prime number and if 3 is subtracted is from it, then because divisible by. The value of x is
(a) 23 (b) 29 (c) 47 (d) 31
29. 16 is a _____ of 96.
(a) factor (b) multiple
(c) prime factor (d) product
30. How many number less than 50 are prime numbers?
(a) 14 (b) 15 (c) 16 (d) 17
31. A train covers a distance of 1296 km in 18 hours. The speed of the train is
(a) 87 km/hr (b) 82 km/hr
(c) 78 km/hr (d) 72 km/hr
32. If a boy travels at a speed of 40 km/hr . Then at the same speed , how long will he take to cover the distance of 180 km?
(a) 4.2 Hours (b) 4.5 Hours
(c) 4.8 Hours (d) 4.4 Hours
33. The value of 1 km/hr in cm/sec
(a) $\frac{125}{3}$ cm/ sec (b) $\frac{250}{9}$ cm/ sec
(c) $\frac{125}{9}$ cm/ sec (d) $\frac{250}{9}$ cm/ sec
34. Convert 72 km/hr into m/s.
(a) 10 m/s (b) 15 m/s
(c) 20m/s (d) 25 m/s
35. The ratio between the speeds of the two cars is 4 : 7 .If the speed of the first car is 52 km/hr, then the speed of the second car is
(a) 78 km/hr (b) 83 km/hr
(c) 8 km/hr (d) 91 km/hr
36. A car covers 200 km in 5 hour and another 240 km in 4 hours. The average speed of the car is



- (a) 45.68 km/hr (b) 5 km/hr
(c) 48.89 km/hr (d) 49.49 km/hr
37. In a bike race, a biker is moving at a speed of 80 km/hr. He has to cover a distance of 105 km. The time he will take to reach his destination is
(a) $1\frac{1}{8}$ Hours (b) $1\frac{5}{16}$ Hours
(b) $1\frac{9}{16}$ Hours (d) $1\frac{5}{8}$ Hours
38. Every floor of a 40-storey building is 5 m high. If a lift moves 4 metres in each second, then how long will it take to move from 6th floor to 34th floor?
(a) 32 sec (b) 35 sec
(c) 38 sec (d) 42 sec
39. The H.C.F of 432 and 1440 is
(a) 36 (b) 72 (c) 144 (d) 18
40. What is the H.C.F of two or more consecutive odd numbers?
(a) 0 (b) 1 (c) 2
(d) any odd natural number
41. The L.C.M of the two numbers is 48. If the numbers are 16 and 24, then their H.C.F is
(a) 4 (b) 6 (c) 8 (d) 12
42. The ratio of two numbers is 3 : 4 and their L.C.M is 180. The greater number is
(a) 30 (b) 45 (c) 60 (d) 75
43. Find the smallest number that is divisible by each one of 9, 12 and 15.
(a) 60 (b) 90 (c) 120 (d) 180
44. The H.C.F and L.C.M of two numbers are 6 and 864 respectively. If one number is 96, find the other number.
(a) 84 (b) 45 (c) 54 (d) 24
45. Ram, Shyam and Mohan start to run together on a circular track. They complete a round of it in 75, 50 and 30 minutes respectively. After how much time will they meet together for the first at the starting point?
(a) 5 hours (b) 2 hours
(c) 3 hours (d) $\frac{5}{2}$ hours

46. The Whole number whose successor is 100000 is
(a) 100001 (b) 999999
(c) 10001 (d) 99999
47. The least Whole number is :-
(a) -1 (b) 0 (c) 1
(d) cannot be determined
48. The successor of one million is
(a) 2 million (b) 100001
(c) 1000001 (d) 999999
49. $7 + 77 + 7777 = ?$
(a) 86638 (b) 85638
(c) 85538 (d) 86538
50. What is 376 times of 125?
(a) 45000 (b) 46000
(c) 47000 (d) 48000

Section – B In Intelligence

Direction (51-56) in each of the following questions, four words are given, out of which three are alike in some manner and the fourth one is different. Choose the odd one out

51. (a) Gujarat (b) Maharashtra
(c) Karnataka (d) Arunachal Pradesh
52. (a) Asia (b) Canada
(c) Europe (d) Africa
53. (a) Ginger (b) Carrot
(c) Potato (d) Tomato
54. (a) June (b) December
(b) March (d) May
55. (a) Foe (b) Ally
(c) Rival (d) Opponent
56. In a certain code language, APPROACH is coded as CHOAPRAP. How will RESTRICT be coded?
(a) CTRISTRE (b) TCIRSTRE



- (c) CTRISTER (d) ERTSIRTC
57. In a certain code language , FASHION is coded as FOIHSAN. How is PROBLEM coded in the at code?

- (a) PELBORM (b) PRBELM
(c) ROBLEMP (d) RPBOELM

58. In a certain code DEPUTATION is written as ONTADEPUTI How is DERIVATION written in that code ?

- (a) ONVAEDIRTI (b) ONVADEIRIT
(c) ONVADERITI (d) ONDEVARITI

59. If 'Development' is written as 'Tnemdevelop' , then 'Evaluation' will be written as:

- (a) Notievalua (b) Noitevalua
(c) Notiaevalu (d)Noitaulave

60. If EARTHQUAKE is coded AS EKAUQHTRAE , then ELECTORATE WILL BE CODED AS:

- (a) ETAROELECT (b) EARTOTCELE
(c) ETAROTCELE (d) ETAROCTELE

Direction (61-66) In the following questions a series is given with one term missing. Choose the correct alternative from the given options that will complete the series.

61. 59,53,47,43,?
(a) 37 (b) 39
(c) 41 (d) 31

62. 9, 29, 67, 129, ?
(a) 216 (b) 220
(c) 221 (d)225

63. 19. 3, 10, 101, ?
(a) 10101 (b) 10201
(c) 10202 (d) 11012

64. 20. 216, ?, 64, 27, 18
(a) 144 (b) 125
(c) 121 (d)169

65. 30, 130, 350, ?
(a) 1350 (b) 729
(c) 738 (d)64

66. 2, 6, 30, 60, 130, ?
(a) 210 (b) 260
(c) 384 (d)216

Directions (67-71) : In each the following questions arrange the f=given words as per reverse order of what they appear in dictionary .

67. 1.Rapid 2. Rapture
3. Rapt 4.
Rapport
5. Refresh
(a) 2, 3, 4, 5, 1 (b) 3, 4, 2, 1, 5
(c) 5, 2, 3, 4, 1 (d)3, 2, 4, 1, 5

68. 1. Paradigm 2. Parameter
3. Paranoid 4. Pariah
5. Parity
(a) 3, 5, 4, 1, 2 (b) 3, 5, 4, 2, 1
(c) 5, 4, 2, 3, 1 (d) 5, 4, 3, 2, 1

69. If the following words are organized in reverse order of what they appear in dictionary , then which word will come at the third place ?
(a) Debase (b)Debacle
(c) Debrief (d) Defer

70. Y is in the east of X which is in the north of Z. If p is in south of Z, then in which direction of Y is P ?
(a) North (b) South



- (c) South – East (d) None of these
71. A clock is showing the time 1 :40 .If the minute hand point to South – West, then in Which direction does the hour hand Point?
- (a) North –East (b) South –East
(c) North (d) South –East
72. If south becomes South- West, East becomes South –East, and so on, then North – West will be become.
- (a) North –East (b) East
(c) North (d) West
73. If A is to the South of B and C is to the East of B, then in which direction is A with respect to C ?
- (a)North –East (b) North –West
(c) South- East (d) South – West
74. A person walks towards his house at 8:00 a.m and observed his shadow to his right. In Which direction is he walking?
- (a) East (b) West
(c) North (d) South
75. Cow : Milk :: ? : ?
- (a) Bird : Fly (b) Goat : Bleat
(c) Hen : Egg (d) Eagle : Swoop

Section – C English

Read the passage answer the following questions:

On a summer day, a stag felt very thirsty. He went in search of water. After searching for a long time, he came across a lake. He began to drink water: While drinking, he saw his own reflection in the water. His beautiful branching horns attracted him very much. He was proud of his horns but he condemned God for giving him thin, ugly legs.

In the meantime, a hunter came in the forest. The stag thought that his life was in danger. The dogs chased him. But his ugly legs helped him very much in running very fast. He defeated the dogs but his branching horns were caught in a

thick bush. At the same time the dogs came and killed him.

76. What was the stag proud of?
- a. His height
b. His horns
c. His legs
d. god
77. Which season is mentioned in the story?
- a. Winter
b. Sumer
c. Spring
d. Autumn
78. What did he hate in himself?
- a. His horns
b. His stomach
c. His body
d. His thin legs
79. _____ killed the stag-
- a. Lion
b. Fox
c. Dogs
d. Bear
80. helped the stag.
- a. His horns
b. His thin legs
c. His body
d. His stomach

Fill in the blanks with correct prepositions :

81. I told mom we'd be home an hour.
- a. To
b. In
c. At
d. for
82. My parents have been married..... nine years.
- a. Sine
b. For
c. Until
d. about
83. The professor South Africa amazed the American students with her stories.
- a. From
b. In
c. For



- d. about
84. Look ____ this painting.
- a. In
 - b. Before
 - c. At
 - d. Onto
85. There is such a contrast ____ them.
- a. To
 - b. Between
 - c. For
 - d. Into

Fill in the blanks with correct articles.

86. She was not in mood of cracking ____ jobs.
- a. A
 - b. An
 - c. The
 - d. No need
87. This is honour for me.
- a. A
 - b. An
 - c. The
 - d. No need

88. One cannot compare..... orange with ____ apple.
- a. A,an
 - b. An, A
 - c. An, An
 - d. No need
89. Reaching home I saw ... guest in my room.
- a. The
 - b. An
 - c. A
 - d. No need

Fill in the blanks by choosing the best word or phrase

90. May I have a clean plate? This one is very ____.
- a. Bad
 - b. Ugly

- c. Dirty
 - d. dark
91. Please switch on the lights.It's very ____ in here.
- a. Weak
 - b. Bad
 - c. Thin
 - d. dark
92. I need some new shoes . These ones are really ____ .
- a. Full
 - b. Weak
 - c. Old
 - d. Sad
- 93.I am quite fat now, but when I was young I was very ____.
- a. Thin
 - b. Shot
 - c. Small
 - d. high
94. It's a very ____ story . It made me cry when I read it.
- a. Clean
 - b. Bad
 - c. Sad
 - d. Weak

Fill in the blanks with the correct adverb.

95. I ____ want to know what happened.
- a. Exactly
 - b. Purely
 - c. Simply
 - d. Highly
96. Don't worry. It's ____ safe. You won't fall.
- a. Finely
 - b. Deeply
 - c. Fully
 - d. Completely
97. The future will be ____ shaped by technology.
- a. Merely
 - b. Specially
 - c. Largely
 - d. Purely



98. Everything will be ____ cheaper in the sale.

- a. Widely
- b. Greatly
- c. Considerably
- d. Particularly

Identify the correctly spelled word from the following.

99.

- a. Worried
- b. Worrid
- c. Worried
- d. Worried

100.

- a. Vaccum
- b. Vacuum
- c. Vaccuum
- d. Vaacum

Section D G.K

101. In which part of Indian Coanstitution Citizenship is included

- a. Part 5
- b. Part 2
- c. Part 8
- d. Part 10

102. What is full form of CAB

- a. Citizenship act bill
- b. Citizenship Amendment Bill
- c. Citizen art bill
- d. Citizenship Action Bill

103. How many times Amendment has been done In Citizenship act ?

- a. 10
- b. 2
- c. 5
- d. 6

104. Who is called as “Unrest of Indian”

- a. Dadabhainarorji
- b. Jawaharlal Nehru
- c. MotilalHehru
- d. BalGangadharTilak

105. First revolutionary Organization was setup

- a. Home Rule League

b. Rowlett act

c. Congress

d. AnusheelanSamity

106. In what time we can sung National Song ?

- a. 65 Sec
- b. 60 Sec.
- c. 52 Sec
- d. 45 Sec.

107. Who was head of ASI In 1921 ?

- a. DayaramShahni
- b. Rakhal Das banergee
- c. Sir John Marshl
- d. Vikram Seth

108. When JaliyawalaBaghMasscare Took Place ?

- a. 1920
- b. 1922
- c. 1919
- d. 2019

109. Who is lieutenant governor of Laddakh

- a. C V Singh
- b. B. D. Singh
- c. B. D. Mishra
- d. Dinesh Singh

110. How many No. are in our Aadhar card

- a. 10
- b. 12
- c. 14
- d. 16

111. City Of Temple Is Known As

- a. Madurai
- b. Bengal
- c. Kannuj
- d. Allhabad

112. Who is called As “JINN”

- a. GautamBudhha
- b. Mahaveer
- c. GopalKrishn
- d. G D Goenka

113. When NRI Day took place

- a. 8 june
- b. 9 march
- c. 9 jan
- d. 12 jan.



114. Which Article is Called as “Heart & Soul Of Indian Constitution ?
- 23
 - 24
 - 25
 - 39
115. Who was president of INC when partition in Congress Took Place
- W C banerjee
 - C B Chawla
 - GaynendraBasu
 - Rasbihari Ghosh
116. Which Soil is present in Northern India
- Alluvial Soil
 - Red Soil
 - Black Soil
 - Laterite Soil
117. How Much blood is Present In Humen Body
- 5 to 6 litre
 - 6 to 7 litre
 - 4 to 5 litre
 - 7 to 8 litre
118. Who has Invented TV
- L J baired
 - J L baired
 - Markoi
 - C V Raman
119. When did first world War outbreak
- 2014
 - 1914
 - 1919
 - 1920
120. Who has Discovered Vitamin
- Robert Cook
 - Robert Clive
 - Funk
 - C V Raman
121. Who is Chief Minister of Kerla
- PinnaraiVijjayan
 - NarendraModi
 - P A Sangma
 - Yogi AdiyaNath
122. When Did Women’s Day Celebrated
- 8 June
 - 8 March
 - 9 March
 - 9 June
123. Who has Written “ Drain of Wealth”
- W C Banerjee
 - Dada Bhai Narorjee
 - LalaLajpatRai
 - Mahatma Gandhi
124. How many Colour We have in indianFlag ?
- 5
 - 4
 - 2
 - 3
125. From Where We Have Taken “ SatyamevJaite “
- Aranyak
 - Mundkopnishad
 - Vishnu Puran
 - Saranath



Class VI 19 AUG 2023									
Math				Inte.		ENG		GK	
1	c	26	C	51	D	76	B	101	B
2	a	27	D	52	B	77	B	102	B
3	C	28	D	53	D	78	D	103	D
4	C	29	A	54	A	79	C	104	D
5	D	30	B	55	B	80	B	105	D
6	B	31	D	56	A	81	B	106	A
7	C	32	B	57	A	82	B	107	C
8	D	33	B	58	C	83	A	108	C
9	B	34	C	59	B	84	C	109	C
10	C	35	D	60	D	85	B	110	A
11	D	36	C	61	C	86	D	111	B
12	A	37	B	62	C	87	B	112	C
13	B	38	B	63	C	88	C	113	D
14	C	39	C	64	B	89	C	114	D
15	A	40	C	65	B	90	C	115	D
16	D	41	C	66	A	91	D	116	A
17	A	42	C	67	C	92	C	117	A
18	C	43	D	68	D	93	A	118	B
19	C	44	C	69	D	94	C	119	B
20	D	45	D	70	D	95	C	120	C
21	D	46	D	71	A	96	D	121	A
22	D	47	B	72	C	97	C	122	B
23	B	48	C	73	D	98	C	123	B
24	C	49	B	74	D	99	C	124	D
25	B	50	C	75	C	100	B	125	B