

YOUNG STAR DEFENCE ACADEMY, AMRITSAR
Contact For Admission: +918101313136 Sainik School,
Military School, RIMC

ALL INDIA SAINIK SCHOOLS ENTRANCE EXAMINATION: 2021

PAPER- MATHEMATICS, GK, LANGUAGE AND INTELLIGENCE TEST

CLASS- VI

TIME: 2 hrs 30 minutes

Max.Marks: 300

Instructions

1. This question paper contains FOUR sections and you have to answer all questions in the OMR answer sheet section "A" Mathematics contains 50 questions of 3 marks each, Section "B" GK, Section "C" Language and "D" Intelligence contains 25 questions of 2 marks each respectively. Section C is language specific and is to be attempted in the chosen language.
2. There is only one correct answer for each question. Darken only one bubble for each question. If you darken more than one bubble, your answer will be treated as wrong.
3. Evaluation of OMR answer sheet will be done on a computer. Be careful and ensure no unnecessary marks on the OMR answer sheet / fold or attempt to deface the OMR answer sheet, otherwise it will not be evaluated.
4. Rough work must be done on the additional sheet only and NOT on OMR answer sheet.
5. There are total 32 pages in the question paper.

Section –A MATHEMATICS

1. Find the difference between the greatest and the least number that can be written using the digits 6, 2, 7, 4, 3 each only once.
a) 52965
b) 53965
c) 52956
d) 52659
2. Estimate the product 5980×428 by rounding off each number to the nearest hundreds
a) 236000
b) 240000
c) 2400000
d) 3000000
3. Three numbers are in the ratio of 3:4:5 and their L.C.M is 2400. Their H.C.F. is
a) 120
b) 60
c) 80
d) 40

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c) Srinagar

d) Jaipur

47. Which place is the coolest at 3 pm?

a) Kolkata

b) Srinagar

c) Mumbai

d)

48. How much higher is the temperature in Mumbai from that of Srinagar at 3 pm?

a) 8.1

b) 35.1

c) 27

d) 29

49. How many degrees will the temperature at 3 am need to rise for it to reach 40 degree Celsius in Thiruvananthapuram

a) 6.5

b) 18.4

c) 21.6

d) 33.5

50. How much lower is the temperature of Kolkata from that in Chennai at both times (3 AM and 3 PM)?

a) 8° and 3.3°

b) 3° and 8°

c) 8° and 8°

d) 3.3° and 3.3°

SECTION- B GENERAL KNOWLEDGE

51. Black soil is also known as?

a) Regur soil

b) Red soil

c) Laterite soil

d) Mountain soil

52. P.V Sindhu is associated with which sports?

a) Badminton

b) Cricket

c) Football

d) Hockey

53. The Space Programme of Govt. of India is looked after by

a) ISBT

b) NTRO

c) NABARD

d) ISRO

54. Bhakra Nangal Project is built on the river?

a) Sutlej

b) Mahanadi

c) Godavari

d) Cauvery

55. Who is known as an 'Iron Man of India'?

a) Jawahar Lal Nehru

b) Mahatma Gandhi

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- c) Sardar Vallabhai Patel
d) Subhash Chandra Bose
56. The longest river in South India is?
a) Mahanadi
b) Indus
c) Saraaswathi
d) Godavari
57. Which planet is known as a morning star as well as evening star?
a) Mars
b) Venus
c) Mercury
d) Earth
58. Which article of constitution provides Indian Citizen 'Right to Equality'?
a) Article 12
b) Article 13
c) Article 17
d) Article 14
59. 'Narora' nuclear power plant is located in the state of?
a) Maharashtra
b) Tamil Nadu
c) Uttar Pradesh
d) West Bengal
60. Which of the following diseases spreads through contaminated food and water?
a) Malaria
b) Cholera
c) Dengue
d) Filaria
61. Which is biggest desert in the world?
a) Kalhari Dessert
b) Atkama Dessert
c) Sahara Dessert
d) Gobi Dessert
62. Manas national park is located in the state of?
a) Assam
b) Arunachal Pradesh
c) Himachal Pradesh
d) Andhra Pradesh
63. Which of these grows from the roots?
a) Potato
b) Ginger
c) Carrot
d) Sweet potato
64. Sahyadris is also known as?
a) Aravali
b) Western Ghats
c) Himadri
d) Eastern Ghats
65. The gas filled in a weather balloons is
a) Neon
b) Helium

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- c) Argon
d) Oxygen

66. Growing children need more of

- a) Carbohydrates
b) Vitamins
c) Protein
d) Fats

67. Which gas is dissolved under pressure in soft drinks?

- a) Oxygen
b) Carbon dioxide
c) Nitrogen
d) Hydrogen

68. Who is the lowest ranked Air Force among these?

- a) Wing Commander
b) Group Captain
c) Flying Officer
d) Flight Lieutenant

69. Which of the following is a national festival?

- a) Baisakhi
b) Republic day
c) Pongal
d) Chhath puja

70. Dr. Amartya Sen won Nobel Prize in which field?

- a) Economics
b) Peace
c) Chemistry
d) Literature

71. The imaginary line drawn half way between North Pole and South Pole is called

- a) Tropic of Cancer
b) Equator
c) Arctic Circle
d) Antarctic Circle

72. The largest island in the world is

- a) Australia
b) New Zealand
c) Greenland
d) Mozambique

73. The coldest place in the world, lying in the south frigid zone is

- a) Greenland
b) Antarctica
c) Australia
d) New Zealand

74. Who invented telephone in 1876?

- a) Alexander Graham Bell
b) James Hickey
c) Guglielmo Macron
d) Logle Beird

75. 'Ghoomar' is a popular folk dance of which of the following states?

- a) Rajasthan
b) Madhya Pradesh

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c) Orissa

d) Uttar pardesh

SECTION-C LANGUAGE

Read the following passage and answer the questions (ques.76 to 80)

Midas, the king, was a greedy person. He loved gold more than anything in the world. He had lots of wealth but he was never really a happy person.

One day God Bacchus came to Midas. Midas had once helped god Bacchus and in return Bacchus offered him a gift. "What shall I give you to make you happy," the God asked him. Midas thought for a while and then said, "Please give me the power to turn everything I touch into gold." Bacchus laughed and said, "Your wish is granted as soon as the Sun rises tomorrow, you will have the golden touch."

The next morning Midas woke up, and he had his golden touch. He touched his bed, the chairs, doors, windows and all became gold.

Suddenly, he felt very hungry. He sat at the table but as soon as the food touched his lips, it turned into gold. So did the water. It seemed he could no longer eat or drink. After some time, his daughter came to him. When put his hand on her, she became a gold statue. In the end, Midas became very sad and prayed God Bacchus to take away the golden touch from him.

76. What kind of man was Midas?

- a) A greedy person
- b) A great miser
- c) A brave man
- d) Wise man II.

77. Who came to Midas one day?

- a) God Jesus
- b) God Bacchus
- c) God Zeus
- d) God

78. Why did Bacchus offer him a gift?

- a) because he had helped the God once
- b) because he had pleased Bacchus 1

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- c) because he had annoyed Bacchus
- d) because he cared for Bacchus

79. What was Midas' wish?

- a) To become rich
- b) to turn anything into gold
- c) to turn his daughter a golden doll
- d) to become powerful

80. Who turned into gold statue when Midas touched?

- a) Daughter
- b) Son
- c) Uncle
- d) Aunt

Rearrange the following words/ phrases to make meaningful sentences. Choose the correct sequence.

81. It (a) / life is (b)/what we (c)/make (d)

- a) Abcd
- b) Cdab
- c) Dabc
- d) bcda

82. gold (a)/ is not (b)/glitters (c)/all that(d)

- a) Abcd
- b) Cdba
- c) Dabc
- d) dcba

83. playing(a)/in the(b)/ park(c)/children are(d)

- a) abcd
- b) bcda
- c) dabc
- d) cdab

Fill in the blanks with appropriate option.

84. Either work hard _____ give up studies.

- a) nor
- b) or
- c) and
- d) but

85. He is afraid _____ dog.

- a) On
- b) Of
- c) In
- d) by

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86. He _____ tea every morning.

- a) Drinks
- b) Is drinking
- c) Drank
- d) Drunk

87. The child has been missing _____ yesterday.

- a) For
- b) Of
- c) By
- d) since

Do as directed:

88. John is my _____ brother (find out the correct adjective)

- a) Elder
- b) Bigger
- c) Old
- d) Young

89. French is _____ easy language. (select correct article)

- a) A
- b) An
- c) The
- d) None

90. Ashok _____ him yesterday. (write the correct form of the verb)

- a) Meet
- b) Met
- c) Will meet
- d) Is meeting

Choose the most appropriate option

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

- a) Infinite
- b) Adequate
- c) Merry
- d) Surplus

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

- a) Complex
- b) Easy
- c) Obey
- d) Show

93. A list of books in library

- a) Monologue
- b) Dialogue
- c) Catalogue
- d) Diary

94. Find the feminine gender of 'horse'.

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- a) Mare
c) Ewe
- b) Doe
d) Ram

95. Choose the word which means the opposite of 'rise'.

- a) Fall
c) Pride
- b) Smooth
d) Rash

96. Choose the word which means same as 'grief'.

- a) Cheerful
c) Happy
- b) Sorrow
d) Injury

97. One who does not believe in existence of God?

- a) Theist
c) Ascetic
- b) Pacifist
d) Atheist

98. The match has been postponed _____ it has been raining outside. (supply conjunction)

- a) So
c) Therefore
- b) Because
d) And

99. This is the boy _____ parents have died. (supply correct pronoun)

- a) Whose
c) Whom
- b) Who
d) His

100. He doesn't help the poor, _____ (use question tag)

- a) Dis he
c) Doesn't he
- b) Does he
d) do he

101. If CATTLE is related to HERD then SHEEP is related to

CATTLE: HERD:: SHEEP:?

- a) FLOCK
c) SHOAL
- b) SWARM
d) MOB

102. Choose the alternative that has the same relationship to 09 as 07 has with 56

07: 56::09:?

- a) 54
b) 81

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c) 72

d) 99

103. choose the alternative that will continue the number series below:

5, 11, 17, 23, ?

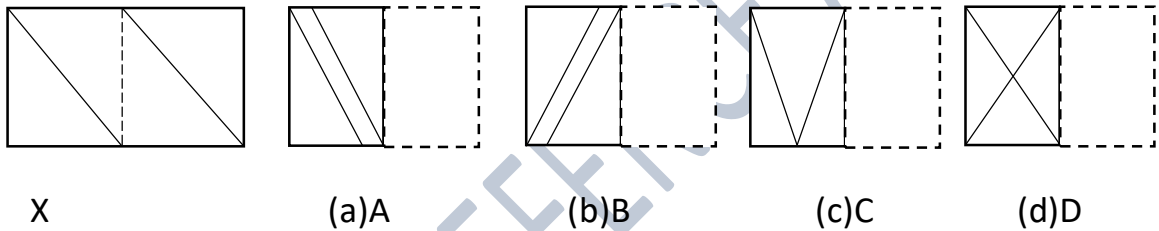
a) 31

b) 29

c) 28

d) 35

104. If you had the transparent paper along the dotted line in figure 'X' which alternative figure from A, B, C and D would you get?



105. choose the word which is least like the other words in the group

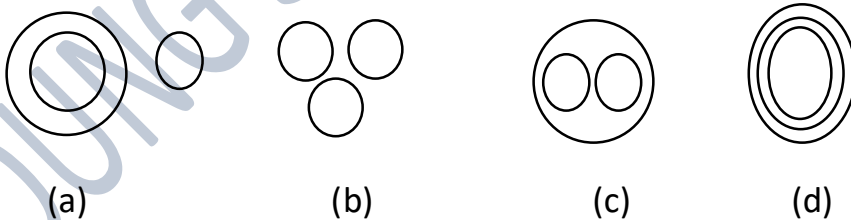
a) Bake

b) Peel

c) Fry

d) Roast

106. Which of the following diagrams indicate the best relation between India, Haryana and World?



107. choose the word which is least like the other words in the group

a) VIRGO

b) PISCES

c) CANCER

d) ORION

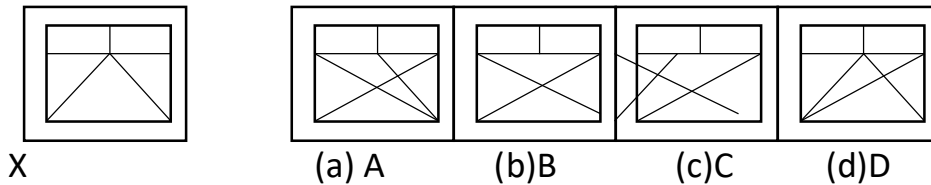
108. If STATEMENT is coded as TNEMETATS then POLITICAL will be coded as?

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- a) LACIYILOP
 c) OPILITACL

- b) LCATILIOIP
 d) LACITIPOL

109. figure "X" is embedded in any one of the four alternative figures A, B, C or D. Find the alternative which contains figure 'X' as its part



110. If 'A' means add, 'B' means subtract, 'C' means multiply and 'D' means divide then what would be the answer of the equation?

$$15 \text{ D } 5 \text{ C } 2 \text{ A } 3 =$$

- a) 13
 c) 03

- b) 11
 d) 09

111. Five men A, B, C, D and E read a newspaper. The one who reads first gives it to C. The one who reads last had taken from A. E was not the first or last to read. There were two readers between B and A. who read the newspaper last?

- a) A
 c) C

- b) B
 d) D

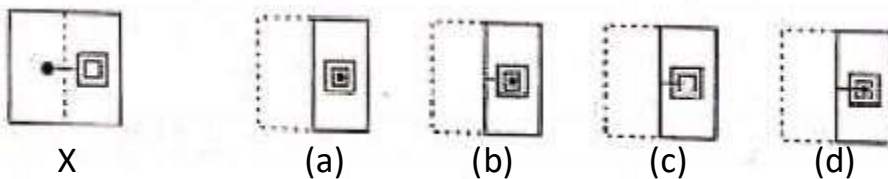
112. Choose the alternative that has the same relationship to 16 as 12 has with 168.

$$12:168::16:?$$

- a) 232
 c) 224

- b) 256
 d) 208

113. If you fold the transparent paper along the dotted line figure 'X' which alternative figure would you get?



114. If in a certain code DEAF is written as 3587 and File is written as 7465 then IDEAL will be written as?

- a) 43568

- b) 43586

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c) 63548

d) 48536

115. Choose the word which is least like the other words in the group

a) PLASTIC

b) WOOL

c) PAPER

d) WOOD

116. If we arrange the given words in alphabetical order, which word would come at last place, choose the correct alternative?

a) ROBBER

b) RANDOM

c) RESTRICT

d) RESTAURANT

117. Choose the alternative that will continue the number series below:

11, 13, 17, 19, 23, 25

a) 27

b) 29

c) 31

d) 33

118. Choose the correct alternative that has the same relation to BMJ as HSY is to EPV

BMJ: ? :: EPV: HSY

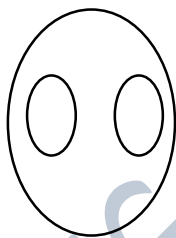
a) DRM

b) YJG

c) EPM

d) EON

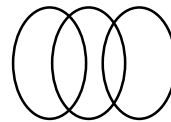
119. Which of the following diagrams indicates the best relation Flower, Lotus and Rose?



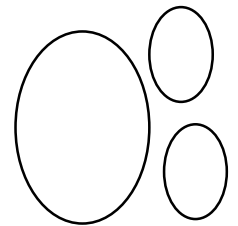
(a)



(b)



(c)



(d)

120. Choose the alternative that has the same relationship to 11 as 49 has with 07?

07:49::11:?

a) 111

b) 90

c) 81

d) 121

121. Choose the word which is least like the other words in the group.

a) GREEN

b) PINK

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c) INDIGO

d) VIOLET

122. If X is the brother of the son of Y's son, how is X related to Y?

a) Son

b) Brother

c) Grandson

d) Cousin

123. Area of rectangle is 48m^2 . If the length is 6 m then breadth = _____

a) 13 m

b) 6m

c) 10 m

d) 8m

124. The priest told the devotee, "The temple bell is rung at regular intervals of 45 minutes. The last bell was rung 5 minutes ago. The next bell is due to be rung at 7.45 am. At what time did the priest give this information to the devotee?"

a) 7.00 AM

b) 7.05 AM

c) 6.55 AM

d) 7.40 AM

125. In certain code MBS is coded as ODU then BRL will be coded as?

a) DTN

b) DUN

c) CSM

d) CTN