



SATISH SCIENCE ACADEMY  
DHANORI PUNE - 411015

SAINIK SCHOOL PAPER 5  
ENTRANCE EXAM - SAINIK SCHOOL (CLASS 6)

**Time Allowed:** 2 hours and 30 minutes

**Maximum Marks :** 300

**General Instructions:**

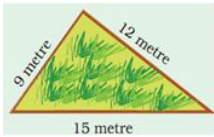
- This question paper booklet contains FOUR sections.
- Section "A" Language contains 25 questions of 2 marks each.
- Section 'B' Mathematics contains 50 questions of 3 marks each.
- Section "C" General Knowledge.
- Section 'D' Intelligence contains 25 questions each of 2 marks each.
- In all, the paper consists of 125 questions for a total of 300 marks. Answer all questions.

**Section A - Language**

- Choose the correct plural of the following noun: movie [2]
  - Movie's
  - Movies
  - Movie
  - Movie's
- Find the plural form of the word 'Mosquito'. [2]
  - Mosquitoz
  - Mosquitox
  - Mosquitoes
  - Mosquito
- Which is the noun in the below sentence?  
This garden is full of beautiful flowers. [2]
  - Beautiful
  - Garden
  - Full
  - This
- Choose the correct noun to represent the book Bible. [2]
  - Material noun
  - Proper noun
  - Abstract noun
  - Common noun
- This soup is really good, yum! Choose the interjection from the sentence: [2]
  - Yum
  - This
  - Good
  - Really
- Choose the correct option for tense:**  
My sister \_\_\_\_ already \_\_\_\_ the food. [2]
  - Did, cooked
  - Has, cooked
  - Was, cooking
  - Is, cooking
- Choose the correct spelling for the given adverb.  
silently, silentli, sintly, silentlie [2]
  - Silently
  - Sintly
  - Silentlie
  - Silentli
- He slowly puts the clock back into its box. (adverb) [2]
  - Its
  - Box
  - Back
  - Slowly
- Arrange the words in the correct meaningful sentence:  
the dog / James / talking / sat next to / himself to [2]
  - James sat to the next dog talking to himself.
  - James sat next to the dog talking to himself.
  - James next to the sat dog talking to himself.
  - James sat next to the talking dog to himself.
- Choose the correct option for tense:**  
The guests \_\_\_\_ yet. [2]
  - Did not arrive
  - Do not arrive
  - Have not arrived
  - Are not arriving
- Find the error:** Mr. Roy's youngest son is fond of playing a harmonium. [2]
  - Is fond of
  - Playing a harmonium
  - No error
  - Mr. Roy's youngest son
- How long have you played badminton? (two years) Using FOR/SINCE, choose the appropriate answer. [2]
  - I played badminton for two years.
  - I had played badminton since past 2 years.
  - I am playing badminton since two years.
  - I have played badminton for two years.
- Choose the one which best expresses the meaning of the given word.  
Accrue [2]
  - Accumulate
  - Grow
  - Suffice
  - Accommodate
- Select the word that conveys the similar meaning as the word given in capital letters:  
ENIGMATIC [2]
  - Puzzling
  - Illusive
  - Pithy
  - Complicated
- The meaning of the idiom **When pigs fly** is [2]
  - Pigs is flying
  - Something that will never happen
  - Pigs are flying
  - Pigs will fly one day
- To marvel at something is to: [2]
  - Draw it
  - Throw rocks at it
  - Look with intense amazement at it
  - Drink it
- \_\_\_\_ did Sumitra watch on TV? [2]
  - What
  - Whom
  - Which
  - Whose
- Choose the correct article for the given sentence:  
I saw \_\_\_\_ octopus at the zoo. [2]
  - The
  - An
  - No article
  - A
- Choose the correct adjective for the given sentence:**  
Prevention is \_\_\_\_ than cure. [2]
  - Goodest
  - Best
  - Good
  - Better
- The discounted price is \_\_\_\_ 24 hours only. [2]







- [3]  
a) 135 m                      b) 108 m  
c) 36 m                        d) 180 m
- 68) A tank has a capacity of 1,500 L. If there are already 950 L of water in the tank, how much more water is needed to fill it up completely? [3]  
a) 450                              b) 950  
c) 550                              d) 1000
- 69) Rahina bought a 50 ltr container of oil. He used 44 litres 300 ml of it. How much oil is left? [3]  
a) 5 l 700 ml                      b) 6 l 300 ml  
c) 6 l 700 ml                      d) 5 l 300 ml
- 70) Compare the pair of fractions using  $<$ ,  $>$  or  $=$  sign.  $\frac{4}{9}$  ?  $\frac{3}{4}$  [3]  
a)  $<$                                       b)  $\neq$   
c)  $=$                                       d)  $>$
- 71) Tick the correct option.  
i.  $M - D = D$   
ii.  $M - D = C$   
[3]  
a) Both are incorrect.              b) A is correct.  
c) Both are correct.                d) B is correct.
- 72) A six - digit number is formed by repeating a three - digit number. For example, 256256, 678678 etc. Any number of this form is divisible by - [3]  
a) 1001                              b) 13 only  
c) 11 only                              d) 7 only
- 73) If a train, the speed of which is 80 km/hr, crosses a person in 9 seconds who is standing near rail line, then what is the length of the train? [3]  
a) 200 m                              b) 180 m  
c) 160 m                              d) 250 m
- 74) A shopkeeper buys mangoes at the rate of 4 a rupee and sells them at 3 a rupee. Find his net profit or loss percent? [3]  
a) 28%                                b) 20%  
c)  $35\frac{2}{7}\%$                               d)  $33\frac{1}{3}\%$
- 75) Which of the following is equivalent to 1.01? [3]  
a) 1.01%                              b) 1010%  
c) 101%                                d) 10.1%

### Section C - General Knowledge

- 76) What does **white colour** in our Indian flag Signifies? [2]  
a) Courage                              b) Prosperity  
c) Truth                                d) Sacrifice
- 77) Guru Govind Singh was born in - [2]  
a) Aurangabad                        b) Bhagalpur  
c) Darbhanga                        d) Patna Sahib
- 78) Which is the Folk dance of Bihar among these? [2]  
a) Kathak                                b) Tamasha  
c) Jhijhiya                              d) Chhau
- 79) \_\_\_\_\_ was the airstrike by the Indian Air Force on a terrorist training camp in Balakot. [2]  
a) Operation Bandar  
b) Operation Safed Sagar  
c) Operation Poonmalai  
d) Operation Maitri
- 80) **The Radcliffe line** is a boundary between which countries? [2]  
a) India and Afghanistan  
b) India and Myanmar  
c) India and Pakistan  
d) India and China
- 81) Who is the lowest ranked Air Force Officer among these? [2]  
a) Flying officer                      b) Flight lieutenant  
c) Wing Commander                d) Group Captain
- 82) Which one is the best silk? [2]  
a) Eri silk                                b) Muga silk  
c) Tassar silk                        d) Mulberry silk
- 83) Which of these grows from the roots? [2]  
a) Potato                                b) Carrot  
c) Sweet Potato                        d) Ginger
- 84) Sushil Kumar plays which game? [2]  
a) Badminton                        b) Cricket  
c) Wrestling                              d) Tennis
- 85) \_\_\_\_\_ is the process of keeping food in the fridge to preserve it for a short time. [2]  
a) Refrigeration                        b) Pickling  
c) Deep freezing                        d) Canning
- 86) The technique to prevent food spoilage and food poisoning for maintaining nutritional value of food is called: [2]  
a) Food contamination                b) Food preservation  
c) Food germination                d) Food storage
- 87) Which among the following is not one of the Padma awards? [2]  
a) Padma Shri                              b) Padma Bhushan  
c) Padma Vibhushan                d) Padma Chakra
- 88) Which of the following is not an example of a Natural Disaster? [2]  
a) Volcano                                b) Industrial accident  
c) Cyclone                                d) Landslide
- 89) Due to the process of condensation, the water vapours directly convert into \_\_\_\_\_. [2]  
a) Rain  
b) Sleet  
c) Both Tiny water droplets and Rain  
d) Tiny water droplets
- 90) Which of the following force is responsible for pulling all matter of the earth together? [2]  
a) Gravitational force                b) Coriolis force  
c) Centripetal force                d) Frictional force
- 91) Nalanda was an ancient centre of learning for which religion? [2]  
a) Hinduism                              b) Christianity  
c) Islam                                    d) Buddhism
- 92) Which of the following fuels is obtained from petroleum? [2]  
a) LPG                                      b) Diesel  
c) Kerosene                              d) All of these
- 93) Which of the following features is formed due to tectonic forces? [2]

- a) Deserts                      b) Plains  
c) Mountains                  d) Forests
- 94) Who invented the telescope? [2]  
a) Frank Whittle              b) Nicholaus Copernicus  
c) Hans Lippershey          d) Johannes Keplar

95) Which leader died during the protest against Simon Commission? [2]

- a) Bal Gangadhar Tilak  
b) Bipin Chandra Pal  
c) Gopal Krishna Gokhale  
d) Lala Lajpat Rai

96) In which year did Gandhiji come to India from South Africa? [2]

- a) 1917                              b) 1915  
c) 1916                              d) 1919

97) Which is the first feature film of India? [2]

- a) Devdas                          b) Kalidas  
c) Savitri                          d) Raja Harishchandra

98) How many fundamental rights are there in our constitution? [2]

- a) 5                                      b) 8  
c) 6                                      d) 7

99) Who appoints the Prime Minister of India? [2]

- a) Parliament                      b) President  
c) Lok Sabha                        d) Citizens of India

100) What is the currency of Bhutan? [2]

- a) Lev                                    b) Ngultrum  
c) Kuna                                d) Peso

### Section D - Intelligence

101) Identify the correct set which can take place the missing set.

- a J n : b K o : : z X y : ? [2]  
a) A Y z                              b) A y z  
c) A y Z                                d) A Y Z

102) Identify the correct set which can take place the missing set.

- M M K O : ? : : N B A B : O A B A [2]  
a) L L M P                              b) N L L N  
c) M L P Q                              d) N P L Q

103) Identify the correct number which can take place the missing number.

- 66571 : 19834 : : 57904 : ? [2]  
a) 23519                              b) 74680  
c) 67899                                d) 12345

104) Number in each pair is connected in the same way. Identify the missing number.

- 16 : 65 : : 36 : ? [2]  
a) 75                                      b) 146  
c) 217                                      d) 85

105) Choose the set of letters that completes the incomplete pair in the same way as the complete pair.

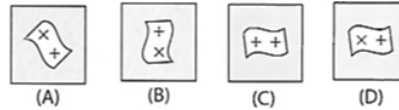
- GRIN : RING : : ? : NECKLACE [2]  
a) ENECKLAC                          b) NECKLAEC  
c) LACENECK                          d) NEECKLAC

106) Identify the relation between each of the given pair on either side of :: and find the missing figure/term.

- 14 : 9 : : 26 : ? [2]

- a) 52                                      b) 34  
c) 12                                      d) 15

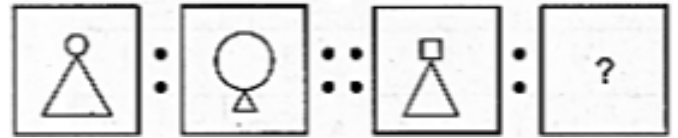
107) Choose the odd one out.



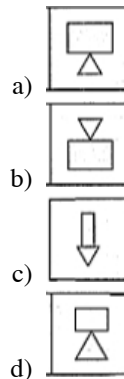
[2]

- a) Figure (C)                          b) Figure (A)  
c) Figure (B)                          d) Figure (D)

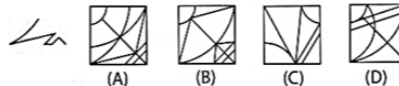
108) Select the figure that shows the similar relationship.



[2]



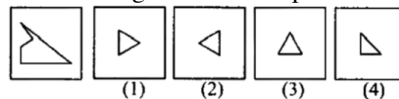
109) In which of the following options, Fig. (X) is exactly embedded?



[2]

- a) Figure (A)                          b) Figure (B)  
c) Figure (D)                          d) Figure (C)

110) Find the figure that completes the geometrical figure.



[2]

- a) Figure (2)                          b) Figure (1)  
c) Figure (3)                          d) Figure (4)

111) Find the number of fruits to the right of the fruit called as King of fruits.



[2]

- a) 4    b) 3  
c) 1    d) 2

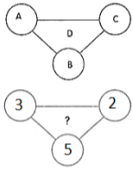
112) How many 4's are there in the following number series, each of which is immediately preceded and followed by even digit?

6, 4, 3, 2, 4, 8, 3, 1, 5, 4, 2, 3, 2, 4, 6, 4, 8, 1, 3, 2, 4, 2, 6, 4, 5 [2]

- a) Four                                      b) Two  
c) One                                        d) Three

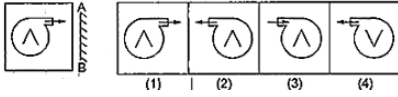
113) Read the figure given below. Study the pattern and fill in the blanks with the correct option:

Where  $A \times B \times C = D$



- [2]  
 a) 30                                      b) 15  
 c) 10                                      d) 20

114) Select the mirror image of the question figure when mirror is held at AB.



- [2]  
 a) Figure (4)                              b) Figure (2)  
 c) Figure (1)                              d) Figure (3)

115) Look carefully for the pattern, and then choose which pair of numbers comes next.

16, 26, 56, 36, 46, 68, 56, ?, ? [2]

- a) 66, 80                                      b) 64, 82  
 c) 78, 68                                      d) 80, 66

116) Choose the word which is different from the rest.

Plassey, Haldighati, Panipat, Sarnath [2]

- a) Sarnath                                      b) Panipat  
 c) Plassey                                      d) Haldighati

117) Choose the word which is different from the rest.

Shehnai, Bagpipe, Flute, Sitar [2]

- a) Shehnai                                      b) Flute  
 c) Sitar    d) Bagpipe

118) If **Desk** is called **Chair**, **Chair** is called **Blackboard**, **Blackboard** is called **Duster** and **Duster** is called **Chalk**, then where does the teacher write in the classroom? [2]

- a) Desk    b) Chair  
 c) Blackboard                                  d) Duster

119) If in a certain code, 24685 is written as 35796, then how will 35741 be written in the same code? [2]

- a) 46852                                      b) 46682  
 c) 44880                                      d) 44826

120) Form the word using given letters and find the category in which they belong.

H I N G T [2]

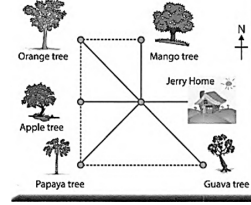
- a) Flower                                      b) Fruit  
 c) Body part                                      d) Sequence of a day

121) Code the word SCHOOL

Letter	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
Code	=	×	%	&	*	\$	#	@	!	{	}	<	/	;	,	}	.	>		

- [2]  
 a) .× &V{                                      b) .+\$/{/  
 c) ,#&V{                                      d) .× \$//{

122) Orange tree is in \_\_\_\_\_ of Jerry Home.

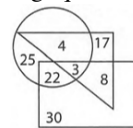


- [2]  
 a) South - West                                  b) South - East  
 c) North - West                                  d) North - East

123) P is Y's brother. Y is Q's father. Q and X are sisters. How is X related to P? [2]

- a) Aunt    b) Cousin  
 c) Niece    d) Nephew

124) Study the given diagram carefully and answer the following question.



- Girls



- Dancers

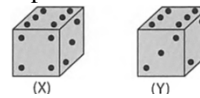


- Swimmers

Which of the following numbers represents girls who are dancers but not swimmers? [2]

- a) 3    b) 8  
 c) 4    d) 22

125) Two positions of a dice are shown below. When 2 dots are at the bottom, then how many dots will be at the top?



- [2]  
 a) 1    b) Can't be determined  
 c) 4    d) 5