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Maximum Marks : 300

SATISH SCIENCE ACADEMY DHANORI PUNE - 411015

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

Time Allowed: 2 hours and 30 minutes

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

- 1) Choose the correct plural of the following noun: movie [2]
 - a) Movie"s b) Movies
 - Movie d) Movie's c)
- 2) Find the plural form of the word 'Mosquito'. [2]
 - a) Mosquitoz b) Mosquitox
 - c) Mosquitoes d) Mosquito
- 3) Which is the noun in the below sentence?
 - This garden is full of beautiful flowers. [2]
 - b) Garden a) Beautiful d) This c) Full
- 4) Choose the correct noun to represent the bookBible. [2]
 - a) Material noun b) Proper noun
 - d) Common noun c) Abstract noun
- 5) This soup is really good, yum! Choose the interjection from the sentence: [2]
 - b) This a) Yum
 - c) Good d) Really
- 6) Choose the correct option for tense:

My	sister	already	 the	food.	[2]
a)	Did,	cooked	b)	Has,	cooked
c)	Was,	cooking	d)	Is, co	ooking

- 7) Choose the correct spelling for the given adverb. silently, silentli, sintly, silentlie [2]
 - b) Sintly a) Silently
 - c) Silentlie d) Silentli
- 8) He slowly puts the clock back into its box. (adverb) [2] a) Its b) Box
 - c) Back d) Slowly
- 9) Arrange the words in the correct meaningful sentence: the dog / James / talking / sat next to / himself to [2]
 - a) James sat to the next dog talking to himself.
 - b) James sat next to the dog talking to himself.
 - c) James next to the sat dog talking to himself.
 - d) James sat next to the talking dog to himself.
- 10) Choose the correct option for tense:

ne	guests	<u> </u>	[2]			
a)	Did not	arrive		b)	Do	not arrive
\	T.T.		1	1		

- c) Have not arrived d) Are not arriving
- 11) Find the error: Mr. Roy's youngest son is fond of playing a harmonium. [2]

- a) Is fond of
- b) Playing a harmonium
- c) No error
- d) Mr. Roy's youngest son
- 12) How long have you played badminton? (two years) Using FOR/SINCE, choose the appropriate answer. [2]
 - a) I played badminton for two years.
 - b) I had played badminton since past 2 years.
 - c) I am playing badminton since two years.
 - d) I have played badminton for two years.
- 13) Choose the one which best expresses the meaning of the given word.
 - Accrue [2] a) Accumulate b) Grow
 - c) Suffice d) Accommodate
- 14) Select the word that conveys the similar meaning as the word given in capital letters: ENIGMATICE [2]
 - a) Puzzling b) Illusive
 - c) Pithy d) Complicated
- 15) The meaning of the idiomWhen pigs fly is [2]
 - a) Pigs is flying
 - b) Something that will never happen
 - c) Pigs are flying
 - d) Pigs will fly one day
- 16) To marvel at something is to: [2]
 - a) Draw it
 - b) Throw rocks at it
 - c) Look with intense amazement at it
 - d) Drink it
- 17) did Sumitra watch on TV? [2]
 - a) What b) Whom d) Whose
 - c) Which
- 18) Choose the correct article for the given sentence: I saw _____ octopus at the zoo. [2]
 - a) The b) An
 - c) No article d) A
- 19) Choose the correct adjective for the given sentence:
 - Prevention is _____ than cure. [2] a) Goodest Best b)
 - c) Good d) Better
- 20) The discounted price is _____ 24 hours only. [2]





	c) For	d) During	the	en the triangle is: [3]	C	1 0
	Question No. 21 to 25 are ba the text carefully and answer	sed on the given text. Read the questions:	a c) Right angled) Equilateral	b) Act d) Ob	ute angle tuse angle
	Once, an old man was sittin with his 25 years old son. T bench. Old man saw a bird s the son - what's this? So The old man again asked already told you that it's crow what's this? Son angrily said	g on a bench of a garden There was a tree beside the itting on the tree. He asked on replied - it's a crow. what's this? Son said - I what's this? The old man again asked d - are you deaf or mad,	31) Th Y	ere are pairs of para w B A Z x K K C G F	lel lines i	n the given figure.
	papa? How many times to t you understand?	ell you it's a crow. Can't	[3] a c) 5) 4	b) 3 d) 2	
	Old man patiently replied - were 5 years old, you asked question that what's this and kiss that it's a crow! Now	my dear son, when you d me 174 times the same I replied every time with a	32) Wi	hich of the following is the clock? [3]	e greatest	angle by hands of
21)	you were irritated. Who was sitting with the old a) Unknown c) Friend	man in a garden? [2] b) Son d) Nobody		a) Minute hand at 12 andb) Minute hand at 12 andc) Minute hand at 12 andd) Minute hand at 12 andd) Minute hand at 12 and	hour hand hour hand Hour han Hour har	d at 2 d at 1 d at 5 d at 3
22)	How many times did the old	man ask the same question	33) In	$\triangle ABC, \text{ if } m \angle A = 55^{\circ},$	$m \angle B =$	45°, then \triangle ABC
	a) 3 times c) 5 times	b) 174 timesd) 25 times	a c) Isosceles) Equilateral	b) Sca d) Rig	llene ght - angled
23)	Who got irritated? [2]	, ,	34) By	how many times will the	radius o	f a circle increase,
	a) An old man c) Son	b) Narratord) Crow	a a	 11s diameter is increased b 16 times 6 times. 	y 8 times b) 4 t d) 8 t	imes imes
24)	Who was deaf? [2] a) Son c) None of these	b) An old man d) Crow	35) OA	A in the following figure i	S	
25)	What was the age of the son, question again and again? [2]	, when he asked the similar		O A		
	a) 14 yearsc) 25 years	b) 1/4 yearsd) 5 years	[3] a c) Radius) Diameter	b) Lin d) Ch	e ord
	Section B -	Mathematics	36) Fii	nd the difference: 9472 -	2570 [3]	
26)	Which of the following is me i. IXIV	eaningless?	a c) 6901) 6902	b) 690d) 690)3)5
	ii. XIX iii. XX iv. XIV		37) A dis a	car is travelling at a spectation stance will it cover in 12 in) 12 km) 6 km	d of 50 nin? [3] b) 8 1 d) 10	km/h. How much cm km
	a) C c) D	b) B d) A	38) Th	e value of $(89 \times 76 + 89)$) 10420	× 24) is b) 89([3]
27)	Roman numerals which cannot a) X	b) I, X	c 39) Ide) 890 entify the proper fraction:	d) 890	00
28)	c) C, M The smaller angle in the give	d) V, L en clock shows angle.	a c) $1\frac{1}{2}$) $\frac{7}{2}$	b) $\frac{9}{2}$ d) $\frac{1}{2}$	
	$\begin{array}{c} 1112 \\ 10 \\ 9 \\ 8 \\ 7 \\ 6 \\ 5 \\ 4 \\ 4 \\ 7 \\ 6 \\ 5 \\ 4 \\ 4 \\ 7 \\ 6 \\ 5 \\ 4 \\ 4 \\ 7 \\ 6 \\ 5 \\ 4 \\ 4 \\ 7 \\ 6 \\ 5 \\ 4 \\ 7 \\ 6 \\ 5 \\ 4 \\ 7 \\ 6 \\ 5 \\ 4 \\ 7 \\ 6 \\ 5 \\ 4 \\ 7 \\ 6 \\ 5 \\ 4 \\ 7 \\ 6 \\ 5 \\ 7 \\ 6 \\ 7 \\ 7 \\ 7 \\ 7 \\ 7 \\ 7 \\ 7 \\ 7$		40) $1\frac{1}{2}$ a c	$+2\frac{1}{2}$ is equal to: [3]) $\frac{2}{8}$) $\frac{1}{2}$	b) 4 d) $\frac{1}{4}$	
	(3) a) Acute c) Straight	b) Obtused) Reflex	41) Wi	hich one of the following uivalent? [3]	g pairs o	f fractions is not
29)	This shape has the three equ shape is [3] a) Scalene triangle	al sides. The name of the b) Heptagon		$\begin{array}{l} \begin{array}{c} \begin{array}{c} 3 \\ 7 \\ 7 \\ 7 \\ 7 \\ 7 \\ 7 \\ 7 \\ 7 \\ 7 \\$		
	c) Equilateral	d) Quadrilateral	42) Ne	elam's annual income is ₹	288000.]	Her annual savings

30) If the sum of two angles in a triangle equals third angle

a) From

b) In

amounts to ₹36000. The ratio of her savings to her expenditure is [3] a) 1 : 8 b) 1 : 5 c) 1 : 6 d) 1 : 7 43) The ratio between water and alcohol in a mixture is 2 : 3. If water content is 4 L, how much is the alcohol in the mixture? [3] b) 10 L a) 2 L c) 8 L d) 6 L 44) Rahul purchased old TV for ₹3,000. He spends ₹300 on its repair. He sold TV for ₹3,500. What is his profit? [3] ₹300 b) ₹200 a) c) ₹500 d) ₹250 45) If goods be purchased for ₹840 and one - fourth be sold at a loss of 20% at what gain percent should the remainder be sold so as to gain 20% on the whole transaction? [3] a) 30% b) 33% c) $33\frac{1}{3}\%$ d) 35% 46) Calculate following: 50 - 5×5 ? [3] a) 75 b) 20 c) 25 d) 125 47) Evaluate $1 + 2 \times 3 + 3 \times 4$ [3] a) 16 b) 108 c) 48 d) 19 48) Find out the average of the following numbers. 118, 186, 138, 204, 175, 229 [3] b) 148 a) 160 c) 175 d) 156 49) If 30% of A = 20% of B = $\frac{1}{12}$ of C, then A : B : C is [3] a) 10 : 15 : 36 b) 15 : 10 : 36 c) 30 : 20 : 36 d) 50 : 75 : 18 50) A number exceeds 25% of itself by 60. The number is [3] b) 320 a) 80 c) 60 d) 50 51) 160 m³ of water is to be used to irrigate a rectangular field whose area is 800 m². What will be the height of the water level in the field? [3] a) 2 m b) 1.6 m c) 0.2 m d) 0.4 m 52) The perimeter of a regular hexagon of side 4 cm will be . [3] a) 28 cm b) 24 cm c) 30 cm d) 20 cm 53) Which of them is a composite number? [3] b) 3 a) 7 d) 5 c) 6 54) What will be the sum of 6.666, 6.66 and 6.06? [3] a) 193.86 b) 1938.6

- c) 19.386 d) 1.9386
- 55) Length and breadth of a rectangle are 3.2 m and 150 cm. Then the area is [3] b) 48 cm² a) 4.8 cm^2
 - c) 48 sq cm d) 4.8 sq m
- 56) Pritty wants to put a new cabinet in one side of her kitchen. She measures one side of her kitchen and finds

it measures 18 meter. Which measurement did Pritty find? [3]

- a) Length
- b) Length and breadth both
- c) Perimeter
- d) Area
- 57) Find the simple interest on ₹500 for 9 months at 6 paisa per month? [3]
 - a) **₹**270 b) ₹324 c) ₹345 d) ₹275
- 58) Amar borrowed ₹800 at a rate of interest of 5% per annum. The amount he will pay after $3\frac{1}{2}$ years is [3] ₹980 b) ₹940 a) c) ₹920 d) ₹960
- 59) Ria made a 4 digit number using the digits 3, 6, 4 and 9. Her number has the biggest digit at hundreds place. Which one of the following numbers is her number? [3] a) 3964 b) 3649 c) 3469 d) 3694
- 60) HCF of 8 and 12 is ____. [3] a) 4 b) 24 c) 8 d) 12
- 61) Jaya baked muffins using paper liners and cherries. Some paper liner packets contain 8 liners, while others contain 10 liners. A packet of cherry contains 6 cherries. Every muffin Jaya baked contained 1 cherry. All cherries and paper liners were used up. What can be the minimum number of muffins baked by her? [3]
 - a) 120 b) 40
 - c) 240 d) 94
- 62) Which of the following number is divisible by 3? [3] a) 121 b) 122 c) 123 d) 124
- 63) Sohan drinks 8 glasses of water every day. How many glasses will he drink in the year 2015? [3] b) 2029 glasses a) 2920 glasses
 - c) 2290 glasses d) 16120 glasses
- 64) Which of the following statements is not true? [3] a) $0 \times 0 = 0$ b) 0 - 0 = 0
 - c) $0 \div 0 = 0$ d) 0 + 0 = 0
- 65) Which of the following is not equivalent fraction of $\frac{3}{5}$? [3] a)
 - b) $\frac{\frac{10}{30}}{\frac{12}{20}}$ $\frac{\frac{1}{15}}{\frac{6}{10}}$ d)

c)

40

66) What temperature is shown on the thermometer? E 50

- 30 - 20 E 10 [3] a) 2 degree b) 8 degree c) 4 degree d) 3 degree

67) How much wire should Teena buy for fencing his field?

	John Marine Marine		c d	e) Operation Pe) Operation N
	15 metre		80) Th [2]	e Radcliffe line
68)	 [3] a) 135 m c) 36 m A tank has a capacity of 1,5	b) 108 m d) 180 m	a b c d	 i) India and A i) India and N i) India and P i) India and C
	a) 450b) 550c) 550	how much more water is y? [3] b) 950 d) 1000	81) Wh [2] a)	o is the lowes Flying offic Wing Com
69)	Rahina bought a 50 It to cor litres 300 ml of it. How muc a) 5 1 700 ml c) 6 1 700 ml	ntainer of oil. He used 44 ch oil is left? [3] b) 6 1 300 ml d) 5 1 300 ml	82) Wh a) c)	iich one is the Eri silk Tassar silk
70)	Compare the pair of fractions [3] a) < c) =	using $\langle \rangle$ or $=$ sign. $\frac{4}{9}$? $\frac{3}{4}$ b) \neq d) $>$	83) Wh a) c)	ich of these g Potato Sweet Potat
71)	Tick the correct option. i. $M - D = D$ ii. $M - D = C$		84) Sus a) c) 85)	shil Kumar pla Badminton Wrestling
70)	 [3] a) Both are incorrect. c) Both are correct. 	b) A is correct.d) B is correct.	(85) pre a) c)	serve it for a Refrigeratio Deep freezi
12)	 A six - digit number is form digit number. For example, number of this form is divisit a) 1001 c) 11 only 	b) 13 only d) 7 only	86) The ing [2] a) c)	e technique to for maintain Food contai Food germi
73)	If a train, the speed of white person in 9 seconds who is s what is the length of the train a) 200 m c) 160 m	ch is 80 km/hr, crosses a tanding near rail line, then n? [3] b) 180 m d) 250 m	87) Wh aw a) c)	aich among th ards? [2] Padma Shri Padma Vibl
74)	A shopkeeper buys mangoes and sells them at 3 a rupee. percent? [3] a) 28%	at the rate of 4 a rupee Find his net profit or loss	88) Wh Dis a) c)	aster? [2] Volcano Cyclone
75)	c) $35\frac{2}{7}\%$ Which of the following is equ	d) $33\frac{1}{3}\%$	89) Du dire	e to the proc ectly convert i
	 a) 1.01% c) 101% 	b) 1010% d) 10.1%	a b c d	 A) Rain A) Sleet Both Tiny water
-	Secuon C - Gen		90) Wł	nich of the fo
76)	a) Couragec) Truth	Indian flag Signifies? [2]b) Prosperityd) Sacrifice	all a) c)	matter of the Gravitationa Centripetal
77)	Guru Govind Singh was borna) Aurangabadc) Darbhanga	in - [2] b) Bhagalpur d) Patna Sahib	91) Na reli a)	landa was an gion? [2] Hinduism
78)	which is the Folk dance of Ea) Kathakc) Jhijhiya	Bihar among these? [2] b) Tamasha d) Chhau	c) 92) Wh ניז	Islam
79)	was the airstrike by the terrorist training camp in Bala	he Indian Air Force on a kot. [2]	[2] a) c)	LPG Kerosene

a) Operation Bandar

b) Operation Safed Sagar

- Poonmalai
- Aaitri

e is a boundary between which countries?

	[2]		
	a) India and Afghanistanb) India and Myanmarc) India and Pakistand) India and China		
1)	Who is the lowest ranked Air l [2]	Forc	e Officer among these?
	a) Flying officerc) Wing Commander	b) d)	Flight lieutenant Group Captain
2)	Which one is the best silk? [2a) Eri silkc) Tassar silk	2] b) d)	Muga silk Mulberry silk
3)	Which of these grows from thea) Potatoc) Sweet Potato	b) d)	oots? [2] Carrot Ginger
4)	Sushil Kumar plays which gar a) Badminton c) Wrestling	ne? b) d)	[2] Cricket Tennis
5)	is the process of keep preserve it for a short time. [2 a) Refrigeration	ing 2] b)	food in the fridge to Pickling
	c) Deep freezing	d)	Canning
6)	The technique to prevent food ing for maintaining nutritional [2]	spo l va	ilage and food poison- lue of food is called:
	a) Food contaminationc) Food germination	b) d)	Food preservation Food storage
7)	Which among the following awards? [2]	is n	ot one of the Padma
	c) Padma Vibhushan	d)	Padma Chakra
8)	Which of the following is not Disaster? [2]	t an	example of a Natural
	a) Volcanoc) Cyclone	b) d)	Industrial accident Landslide
9)	Due to the process of conder directly convert into [2]	nsati]	on, the water vapours
	a) Rainb) Sleetc) Both Tiny water dropletsd) Tiny water droplets	and	Rain
0)	Which of the following force all matter of the earth togethera) Gravitational forcec) Centripetal force	is r? [b) d)	responsible for pulling 2] Coriolis force Frictional force
1)	Nalanda was an ancient cent religion? [2] a) Hinduism c) Islam	tre d b) d)	of learning for which Christianity Buddhism
2)	Which of the following fuels is [2]	s ob	tained from petroleum?
	a) LPG	b)	Diesel

- d) All of these c) Kerosene
- 93) Which of the following features is formed due to tectonic forces? [2]

a)	Deserts	b)	Plains		a)
c)	Mountains	d)	Forests		c)
94) Who a) c)	invented the telescope? Frank Whittle Hans Lippershey	[2] b) d)	Nicholaus Copernicus Johannes Keplar	107)	Choo
95) Whic missi	ch leader died during the ion? [2]	prote	st against Simon Com-		(A) [2]
a) b)	Bal Gangadhar Tilak Bipin Chandra Pal			108)	a) c)
c) d)	Gopal Krishna Gokhale Lala Lajpat Rai			108)	
96) In w Afric	vhich year did Gandhiji ca? [2]	come	to India from South		Z
a) c)	1917	d)	1919		[2]
97) Whic a) c)	ch is the first feature filn Devdas Savitri	n of b) d)	India? [2] Kalidas Raja Harishchandra		-)
98) How tion?	many fundamental rights	s are	there in our constitu-		a)
a) c)	5 6	b) d)	8 7		b)
99) Who a) c)	appoints the Prime Mini Parliament Lok Sabha	ister b) d)	of India? [2] President Citizens of India		c)
100) What a)	t is the currency of Bhut Lev	an? b)	[2] Ngultrum		d)

c) Kuna

Section D - Intelligence

d) Peso

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

a J	n :	b	Κ	0	:	:	zΣ	X	у	:	?	[2]]		
a)	Α	Y	z								ł)	А	у	Z
c)	А	у	Ζ								Ċ	l)	А	Y	Ζ

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

M M K O : ? :	: N E	B A B : C	D A B A [2]
a) LLMP		b)	NLLN
c) M L P Q		d)	NPLQ

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

6657	1 :	19834	:	:	57904	:	?	[2]	
a)	235	19					1	b)	74680
c)	678	99						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

<i>u</i>)	LINLOILING	0)	NLCKL /ILC
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]





108) Select the figure that shows the similar relationship.



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



110) Find the figure that completes the geometrical figure.



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



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





