

NATIONAL TALENT SEARCH EXAMINATION


NOVEMBER 2018 - FINAL KEY - PAPER-I(MAT)

Q.No	Key	Answer	Q.No	Key	Answer	Q.No	Key	Answer	Q.No	Key	Answer
1	2	159	26	4	X = +	51	4	Data Inadequate	76	2	
2	2	202	27	1	+ = -	52	3	B and F	77	2	
3	3	342	28	4	X = +	53	3	B	78	3	
4	4	10	29	3	+ = -	54	2	Teacher	79	4	
5	4	35	30	2	+ = X	55	3	FD and BA	80	3	
6	3	1946	31	1	5	56	1	C and E	81	4	
7	1	27	32	3	41	57	2	A and C	82	4	
8	3	203	33	2	14	58	3	E and D	83	4	
9	3	-1	34	4	11	59	4	E	84	4	
10	4	20	35	4	32	60	3	B and D	85	4	
11	3	ABAB	36	4	2	61	2	DIN	86	3	
12	4	CACB	37	2	26	62	4	OTS	87	2	
13	1	BABAB	38	4	14	63	4	OUW	88	1,4	A, M
14	4	BBCA	39	3	64	64	4	CLV	89	4	
15	2	ACBA	40	4	1944	65	1	Battles	90	2	
16	3	ABAC	41	2	8	66	3	Shuttle Cock	91	3	
17	4	BBDAC	42	1	3	67	1	Act	92	4	
18	4	ACBC	43	4	9	68	4	Cells	93	1	
19	1	BBAA	44	3	7	69	4	Bracelet	94	2	
20	3	BACA	45	4	4	70	1	Blue	95	1	
21	1	X = +	46	4	8	71	4		96	1	
22	4	X = +	47	2	5	72	4		97	4	
23	2	+ = +	48	1	2	73	4		98	1	
24	3	X = +	49	4	0	74	4		99	1	
25	1	X = +	50	3	1	75	1		100	3	

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29/11/18
DIRECTOR

NATIONAL TALENT SEARCH EXAMINATION NOVEMBER 2018
SCHOLASTIC APTITUDE TEST (SAT) PAPER-II

FINAL KEY

Q.No	Key	Answer
1	2	Negative charge, Neutral, Positive Charge
2	4	$k_e < \frac{3\sqrt{3}}{4}$
3	1	360 J
4	4	$\sqrt{(M+m)^2 + M^2} g$
5	3	$\frac{2n-1}{2n+1}$
6	1	2
7	1	5
8	3	15
9	2	$\frac{5}{4} d$
10	1	
11	2	30 db
12	4	Less than g
13	3	1.5 Ω
14	2	2.24 Lit
15	2	Denatured Alcohol means 100% alcohol in the form of pure Ethanol
16	3	Absorbs CO_2 and Increase O_2 concentration.
17	4	$n=2, l=1, m=0, s=+1/2$
18	2	$B < Al < Mg < K$
19	3	a, c and d
20	1	Bleaching of colored sugarcane juice / vegetables using moist Sulphur dioxide
21	1	a, b
22	4	High Electron Affinity, Low Ionization Energy
23	3	Impure copper, Pure copper
24	4	Calcination-presence of oxygen-carbonate ore - Oxide ore
25	2	$CH_3 - CH_2 - NH_2$
26	3	$-COOH > -COOR > -CHO > C=O > R-OH > -NH_2$
27	2	Archaeopteryx
28	4	Acrosome,
29	4	All of these
30	3	(a - ii, b - iv, c - i, d - iii)
31	4	Ribosomes
32	1	Bark
33	2	Second Brain

34	2	Tendon
35	1	Yellow spot
36	3	Ethology
37	4	22 pairs of autosomes and one pair of allosome
38	2	Bio accumulation
39	1	Ptyalin
40	3	Diabetes insipidus
41	3	$K \geq 13$ or $K < 1$
42	2	2:9
43	4	18
44	3	130°
45	2	$\frac{9}{14}$
46	3	$-\frac{1}{2}$
47	2	31.5
48	1	$\frac{\log a}{\log b} = \frac{x+z}{x}$
49	3	13
50	4	2,4,6,8
51	2	12
52	4	xyz
53	1	Average of $\frac{n}{2}$ and $(\frac{n}{2} + 1)^{th}$ Observations
54	3	13
55	3	Q3
56	1	X-1
57	4	2.1 cm
58	1	(1, -2)
59	2	2
60	1	1
61	3	William-I was proclaimed German Emperor in 1871
62	4	Ho Chi Minh
63	3	Baba Ram Chandra
64	4	Fiji, Caribbean islands and Mauritius
65	3	A, B, C, D
66	1	A and C
67	4	Blue-White-Red
68	2	Announcement of "The New Deal"
69	2	Became the dictator of Germany
70	1	B only
71	2	My People
72	3	Bringing new lands under cultivation
73	3	B, D and F only
74	3	A and C
75	2	Of its length and the area it covers.
76	4	Gujarat

Q.No	Answer	Answer
77	1	Evergreen Forests
78	1	Kerala
79	2	Phosphoric Contents
80	2	Dams
81	3	Cotton
82	3	Electricity
83	1	A only
84	1	Mumbai Port
85	3	Mistakes can never be made in democracy
86	1	Jammu and Kashmir
87	1	Dictatorships have slightly higher rate of economic growth
88	4	Jawaharlal Nehru
89	2	Two seats
90	4	A, B, C and D
91	2	The Head of the Government
92	1	Constitutional Right
93	4	B and C
94	1	Most of the people want to work in "A" but they have to be in "B"
95	1	The prefer sustainability of development
96	1	First Saturday of July
97	3	They receive massive sums of money from U.S Government
98	4	All of these are related
99	3	Zero
100	3	Both A and B are correct

OK
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