

# JUNIOR SCIENCE TALENT SEARCH EXAM – 2015 - 2016

## ANSWER KEYS 04 – A / 2015-16 GENERAL KNOWLEDGE

1.	1	2.	2	3.	1	4.	1
5.	4	6.	3	7.	3	8.	2
9.	3	10.	3	11.	3	12.	3
13.	2	14.	4	15.	3	16.	3
17.	2	18.	4	19.	2	20.	4
21.	3	22.	2	23.	2	24.	1
25.	2	26.	1	27.	4	28.	1
29.	1	30.	3	31.	3	32.	3
33.	3	34.	2	35.	4	36.	2
37.	1	38.	2	39.	1	40.	1
41.	* (Balasore, Orissa)						
42.	3	43.	4	44.	2	45.	1
46.	2	47.	4	48.	2	49.	3
50.	1						

**04 – B / 2015-16**  
**GENERAL SCIENCE AND MATHEMATICS**

**PART – I**  
**PHYSICS**

51.	1	52.	4	53.	3	54.	2
55.	1	56.	1	57.	1	58.	2
59.	4	60.	1	61.	2	62.	2
63.	2	64.	3	65.	3	66.	3
67.	4	68.	4	69.	1	70.	3
71	<b>Ambiguous question</b>			*72.	2, 4	73.	3
74.	<b>Data insufficient</b>						
75.	3	76.	4	77.	4	78.	2
79.	2	80.	3	81.	4	82.	3
83	4	84.	1	85.	3	86.	2
87.	4	88.	2	89.	2	90.	3

Note:

- \*72. Option 2 is correct if contact and non-contact forces are considered.  
Option 4 is correct if electromagnetic forces are considered.

**PART – II**  
**CHEMISTRY**

91.	2	92.	2	93.	4	94.	4
95.	3	96.	1	97.	1	98.	2
99.	2	100.	2	101.	4	102.	4
103.	2	104.	2	105.	1	106.	2
107.	1	108.	1	109.	2	110.	2
111.	3						
112.	<b>1 (Considering pH of acid rain cannot be more than 7, answer should be 1)</b>						
113.	1	114.	2	115.	1	116.	4
117.	3	118.	4	119.	4	120.	3
121.	1	122.	3	123.	3	124.	3
125.	4	126.	1	127.	4	128.	3
129.	2	130.	1				

**PART – III  
BIOLOGY**

131.	3	132.	2	133.	4	134.	4
135.	3	136.	1	137.	4	138.	1
139.	4	140.	2	141.	3	142.	1
143.	4	144.	2	145.	3	146.	4
147.	4	148.	1	149.	2	150.	1
151.	4	152.	3	153.	2	154.	1
155.	3	156.	4	157.	3	158.	1
159.	2	160.	3	161.	3	162.	1
163.	1	164.	3	165.	2	166.	3
167.	4	168.	2	169.	2	170.	4

**PART – IV  
MATHEMATICS**

171.	1	172.	2	173.	2	174.	4
175.	2	176.	3	177.	1	178.	3
179.	3	180.	1	181.	3	182.	4
183.	2	184.	2	185.	4	186.	4
187.	4	188.	3	189.	2	190.	2
191.	3	192.	2	193.	2	194.	3
195.	3	196.	1	197.	3	198.	1
199.	3	200.	1				