



# Sri Chaitanya IIT Academy.,India.

☆ A.P ☆ T.S ☆ KARNATAKA ☆ TAMILNADU ☆ MAHARASTRA ☆ DELHI ☆ RANCHI

**A right Choice for the Real Aspirant**

ICON Central Office, Madhapur – Hyderabad

## Mathematics\_ Question Standard Analysis\_ Jee Main 2020 (Jan)\_ Date Wise

Subject	Exam Date	Slot	Easy Level			Medium Level			Difficult Level			Grand Total	
			No.of.Q's	Marks	%	No.of.Q's	Marks	%	No.of.Q's	Marks	%	No.of.Q's	Marks
MATHS	07.01.20	Shift-1	8	32	32.0%	14	56	56.0%	3	12	12.0%	25	100
MATHS	07.01.20	Shift-2	9	36	36.0%	11	44	44.0%	5	20	20.0%	25	100
MATHS	08.01.20	Shift-1	11	44	44.0%	10	40	40.0%	4	16	16.0%	25	100
MATHS	08.01.20	Shift-2	13	52	52.0%	8	32	32.0%	4	16	16.0%	25	100
MATHS	09.01.20	Shift-1	9	36	36.0%	13	52	52.0%	3	12	12.0%	25	100
MATHS	09.01.20	Shift-2	5	20	20.0%	16	64	64.0%	4	16	16.0%	25	100
<b>All Date Exam Tot</b>			<b>55</b>	<b>220</b>	<b>36.7%</b>	<b>72</b>	<b>288</b>	<b>48.0%</b>	<b>23</b>	<b>92</b>	<b>15.3%</b>	<b>150</b>	<b>600</b>

## Mathematics\_Jr & Sr\_ Intermediate Analysis- Jee-Main - 2020

Subject	Exam Date	Slot	JR-INTER			SR-INTER			Total		
			No.of.Q's	Marks	%	No.of.Q's	Marks	%	No.of.Q's	Marks	%
MATHS	07.01.20	Shift-1	11	44	44.0%	14	56	56.0%	25	100	100.0%
MATHS	07.01.20	Shift-2	12	48	48.0%	13	52	52.0%	25	100	100.0%
MATHS	08.01.20	Shift-1	12	48	48.0%	13	52	52.0%	25	100	100.0%
MATHS	08.01.20	Shift-2	10	40	40.0%	15	60	60.0%	25	100	100.0%
MATHS	09.01.20	Shift-1	11	44	44.0%	14	56	56.0%	25	100	100.0%
MATHS	09.01.20	Shift-2	9	36	36.0%	16	64	64.0%	25	100	100.0%
<b>All Date Exam Tot</b>			<b>65</b>	<b>260</b>	<b>43.3%</b>	<b>85</b>	<b>340</b>	<b>56.7%</b>	<b>150</b>	<b>600</b>	<b>100.0%</b>

## Mathematics\_CBSE\_ Intermediate Analysis- Jee-Main - 2020

Subject	Exam Date	Slot	JR-INTER			SR-INTER			Total		
			No.of.Q's	Marks	%	No.of.Q's	Marks	%	No.of.Q's	Marks	%
MATHS	07.01.20	Shift-1	13	52	52.0%	12	48	48.0%	25	100	100.0%
MATHS	07.01.20	Shift-2	14	56	56.0%	11	44	44.0%	25	100	100.0%
MATHS	08.01.20	Shift-1	12	48	48.0%	13	52	52.0%	25	100	100.0%
MATHS	08.01.20	Shift-2	14	56	56.0%	11	44	44.0%	25	100	100.0%
MATHS	09.01.20	Shift-1	14	56	56.0%	11	44	44.0%	25	100	100.0%
MATHS	09.01.20	Shift-2	14	56	56.0%	11	44	44.0%	25	100	100.0%
<b>All Date Exam Tot</b>			<b>81</b>	<b>324</b>	<b>54.0%</b>	<b>69</b>	<b>276</b>	<b>46.0%</b>	<b>150</b>	<b>600</b>	<b>100.0%</b>

Analysis prepared by  
**Mr. M.Uma Shankar**

National IIT Coordinator



# Sri Chaitanya IIT Academy.,India.

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ICON Central Office, Madhapur – Hyderabad

## 2020\_Jee-Main\_Mathematics\_Topic Wise Analysis

### 7th Jan Slot-1

SNO	NAME OF THE TOPIC	Question Based On		LEVEL			Marks With %		
		Theory	Formula	Easy	Moderate	Tough	NO.of Q's	MARKS	%
<b>I</b>	<b>ALGEBRA</b>	<b>10</b>	<b>0</b>	<b>4</b>	<b>5</b>	<b>1</b>	<b>10</b>	<b>40</b>	<b>40.0%</b>
1	Binomial theorem	2			1	1	2	8	8.0%
2	Matrix and determinants and linear equations	2		1	1		2	8	8.0%
3	Quadratic equation	1		1			1	4	4.0%
4	Sequences and series	1			1		1	4	4.0%
5	Complex numbers	1			1		1	4	4.0%
6	Mathematical reasoning						0	0	0.0%
7	Sets and relations						0	0	0.0%
8	Permutations and combinations	1			1		1	4	4.0%
9	Probability & random variable	1		1			1	4	4.0%
10	Statistics	1		1			1	4	4.0%
11	Logarithms						0	0	0.0%
12	Mathematical induction						0	0	0.0%
<b>II</b>	<b>VECTOR ALGEBRA</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>4</b>	<b>4.0%</b>
13	Properties of vectors						0	0	0.0%
14	Scalar product						0	0	0.0%
15	Dot product	1		1			1	4	4.0%
16	Triple product						0	0	0.0%
17	Vector equations						0	0	0.0%
<b>III</b>	<b>CO-ORDINATE GEOMETRY</b>	<b>3</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>0</b>	<b>3</b>	<b>12</b>	<b>12.0%</b>
18	Co-ordinate system						0	0	0.0%
19	straight line & pair of Straight lines	1			1		1	4	4.0%
20	Circles & system of circles						0	0	0.0%
21	Parabola	1			1		1	4	4.0%
22	Ellipse	1		1			1	4	4.0%
23	Hyperbola						0	0	0.0%
<b>IV</b>	<b>3 D-GEOMETRY</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>4</b>	<b>4.0%</b>
24	Co-ordinate system						0	0	0.0%
25	Dc's & dr's						0	0	0.0%
26	Planes	1			1		1	4	4.0%
27	Lines and planes						0	0	0.0%

<b>V</b>	<b>CALCULUS</b>	<b>9</b>	<b>0</b>	<b>2</b>	<b>5</b>	<b>2</b>	<b>9</b>	<b>36</b>	<b>36.0%</b>
28	Functions	1		1			1	4	4.0%
29	Limits	1		1			1	4	4.0%
30	Continuity & differentiability	1			1		1	4	4.0%
31	Differentiation	1			1		1	4	4.0%
32	Monotonicity & maxima minima and mean-value theorems	1			1		1	4	4.0%
33	Tangents and normals	1				1	1	4	4.0%
34	Rate measure & errors						0	0	0.0%
35	Indefinite integration						0	0	0.0%
36	Definite integration	1			1		1	4	4.0%
37	Areas	1				1	1	4	4.0%
38	Differential equations	1			1		1	4	4.0%
<b>VI</b>	<b>TRIGONOMETRY</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>4</b>	<b>4.0%</b>
39	Trigonometric identities & ratios	1			1		1	4	4.0%
40	Transformations						0	0	0.0%
41	Trigonometric equations						0	0	0.0%
42	Inverse trigonometric functions						0	0	0.0%
43	Properties of triangles						0	0	0.0%
44	Trigonometric curves						0	0	0.0%
45	Heights & distances						0	0	0.0%
<b>VII</b>	<b>MISCELLANEOUS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0%</b>
<b>VIII</b>	<b>TOTAL</b>	<b>25</b>	<b>0</b>	<b>8</b>	<b>14</b>	<b>3</b>	<b>25</b>	<b>100</b>	<b>100.0%</b>

## 7th Jan Slot-2

SNO	NAME OF THE TOPIC	Question Based		LEVEL			Marks With %		
		Theory	Formulae	Easy	Moderate	Tough	NO.of Q's	MARKS	%
<b>I</b>	<b>ALGEBRA</b>	<b>12</b>	<b>0</b>	<b>6</b>	<b>4</b>	<b>2</b>	<b>12</b>	<b>48</b>	<b>48.0%</b>
1	Binomial theorem	2			1	1	2	8	8.0%
2	Matrix and determinants and linear equations	2		2			2	8	8.0%
3	Quadratic equation	1			1		1	4	4.0%
4	Sequences and series	2		1	1		2	8	8.0%
5	Complex numbers	1				1	1	4	4.0%
6	Mathematical reasoning						0	0	0.0%
7	Sets and relations	2		1	1		2	8	8.0%
8	Permutations and combinations						0	0	0.0%
9	Probability & random variable	1		1			1	4	4.0%
10	Statistics	1		1			1	4	4.0%
11	Logarithms						0	0	0.0%
12	Mathematical induction						0	0	0.0%
<b>II</b>	<b>VECTOR ALGEBRA</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>4</b>	<b>4.0%</b>
13	Properties of vectors						0	0	0.0%
14	Scalar product						0	0	0.0%
15	Dot product	1		1			1	4	4.0%
16	Triple product						0	0	0.0%
17	Vector equations						0	0	0.0%
<b>III</b>	<b>CO-ORDINATE GEOMETRY</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>3</b>	<b>12</b>	<b>12.0%</b>
18	Co-ordinate system						0	0	0.0%
19	straight line & pair of Straight lines	1			1		1	4	4.0%
20	Circles & system of circles	1			1		1	4	4.0%
21	Parabola						0	0	0.0%
22	Ellipse	1			1		1	4	4.0%
23	Hyperbola						0	0	0.0%
<b>IV</b>	<b>3 D-GEOMETRY</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>4</b>	<b>4.0%</b>
24	Co-ordinate system						0	0	0.0%
25	Dc's & dr's						0	0	0.0%
26	Planes						0	0	0.0%
27	Lines and planes	1		1			1	4	4.0%

<b>V</b>	<b>CALCULUS</b>	<b>8</b>	<b>0</b>	<b>1</b>	<b>4</b>	<b>3</b>	<b>8</b>	<b>32</b>	<b>32.0%</b>
28	Functions						0	0	0.0%
29	Limits						0	0	0.0%
30	Continuity & differentiability	1			1		1	4	4.0%
31	Differentiation						0	0	0.0%
32	Monotonicity & maxima minima and mean-value theorems	2		1		1	2	8	8.0%
33	Tangents and normals	1			1		1	4	4.0%
34	Rate measure & errors						0	0	0.0%
35	Indefinite integration						0	0	0.0%
36	Definite integration	2			2		2	8	8.0%
37	Areas	1				1	1	4	4.0%
38	Differential equations	1				1	1	4	4.0%
<b>VI</b>	<b>TRIGONOMETRY</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0%</b>
39	Trigonometric identities & ratios						0	0	0.0%
40	Transformations						0	0	0.0%
41	Trigonometric equations						0	0	0.0%
42	Inverse trigonometric functions						0	0	0.0%
43	Properties of triangles						0	0	0.0%
44	Trigonometric curves						0	0	0.0%
45	Heights & distances						0	0	0.0%
<b>VII</b>	<b>MISCELLANEOUS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0%</b>
<b>VIII</b>	<b>TOTAL</b>	<b>25</b>	<b>0</b>	<b>9</b>	<b>11</b>	<b>5</b>	<b>25</b>	<b>100</b>	<b>100.0%</b>

## 8 th Jan Slot-1

SNO	NAME OF THE TOPIC	Question Based		LEVEL			Marks With %		
		Theory	Formulae	Easy	Moderate	Tough	NO.of Q's	MARKS	%
<b>I</b>	<b>ALGEBRA</b>	<b>10</b>	<b>0</b>	<b>5</b>	<b>5</b>	<b>0</b>	<b>10</b>	<b>40</b>	<b>40.0%</b>
1	Binomial theorem	1			1		1	4	4.0%
2	Matrix and determinants and linear equations	2		1	1		2	8	8.0%
3	Quadratic equation	1			1		1	4	4.0%
4	Sequences and series	1		1			1	4	4.0%
5	Complex numbers	1			1		1	4	4.0%
6	Mathematical reasoning	1		1			1	4	4.0%
7	Sets and relations						0	0	0.0%
8	Permutations and combinations	1			1		1	4	4.0%
9	Probability & random variable	1		1			1	4	4.0%
10	Statistics	1		1			1	4	4.0%
11	Logarithms						0	0	0.0%
12	Mathematical induction						0	0	0.0%
<b>II</b>	<b>VECTOR ALGEBRA</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>4</b>	<b>4.0%</b>
13	Properties of vectors						0	0	0.0%
14	Scalar product						0	0	0.0%
15	Dot product						0	0	0.0%
16	Triple product	1		1			1	4	4.0%
17	Vector equations						0	0	0.0%
<b>III</b>	<b>CO-ORDINATE GEOMETRY</b>	<b>3</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>3</b>	<b>12</b>	<b>12.0%</b>
18	Co-ordinate system						0	0	0.0%
19	straight line & pair of Straight lines	1			1		1	4	4.0%
20	Circles & system of circles						0	0	0.0%
21	Parabola	1		1			1	4	4.0%
22	Ellipse	1				1	1	4	4.0%
23	Hyperbola						0	0	0.0%
<b>IV</b>	<b>3 D-GEOMETRY</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>4</b>	<b>4.0%</b>
24	Co-ordinate system						0	0	0.0%
25	Dc's & dr's						0	0	0.0%
26	Planes						0	0	0.0%
27	Lines and planes	1		1			1	4	4.0%

<b>V</b>	<b>CALCULUS</b>	<b>10</b>	<b>0</b>	<b>3</b>	<b>4</b>	<b>3</b>	<b>10</b>	<b>40</b>	<b>40.0%</b>
28	Functions	1		1			1	4	4.0%
29	Limits	1		1			1	4	4.0%
30	Continuity & differentiability	2			1	1	2	8	8.0%
31	Differentiation						0	0	0.0%
32	Monotonicity & maxima minima and mean-value theorems	2			2		2	8	8.0%
33	Tangents and normals	1			1		1	4	4.0%
34	Rate measure & errors						0	0	0.0%
35	Indefinite integration	1				1	1	4	4.0%
36	Definite integration						0	0	0.0%
37	Areas	1				1	1	4	4.0%
38	Differential equations	1		1			1	4	4.0%
<b>VI</b>	<b>TRIGONOMETRY</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0%</b>
39	Trigonometric identities & ratios						0	0	0.0%
40	Transformations						0	0	0.0%
41	Trigonometric equations						0	0	0.0%
42	Inverse trigonometric functions						0	0	0.0%
43	Properties of triangles						0	0	0.0%
44	Trigonometric curves						0	0	0.0%
45	Heights & distances						0	0	0.0%
<b>VII</b>	<b>MISCELLANEOUS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0%</b>
<b>VIII</b>	<b>TOTAL</b>	<b>25</b>	<b>0</b>	<b>11</b>	<b>10</b>	<b>4</b>	<b>25</b>	<b>100</b>	<b>100.0%</b>

## 8 th Jan Slot-2

SNO	NAME OF THE TOPIC	Question Based		LEVEL			Marks With %		
		Theory	Formulae	Easy	Moderate	Tough	NO.of Q's	MARKS	%
<b>I</b>	<b>ALGEBRA</b>	<b>11</b>	<b>0</b>	<b>7</b>	<b>4</b>	<b>0</b>	<b>11</b>	<b>44</b>	<b>44.0%</b>
1	Binomial theorem	1			1		1	4	4.0%
2	Matrix and determinants and linear equations	2		2			2	8	8.0%
3	Quadratic equation						0	0	0.0%
4	Sequences and series	2		1	1		2	8	8.0%
5	Complex numbers						0	0	0.0%
6	Mathematical reasoning	1		1			1	4	4.0%
7	Sets and relations	1			1		1	4	4.0%
8	Permutations and combinations	1			1		1	4	4.0%
9	Probability & random variable	1		1			1	4	4.0%
10	Statistics	1		1			1	4	4.0%
11	Logarithms						0	0	0.0%
12	Mathematical induction	1		1			1	4	4.0%
<b>II</b>	<b>VECTOR ALGEBRA</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>4</b>	<b>4.0%</b>
13	Properties of vectors						0	0	0.0%
14	Scalar product						0	0	0.0%
15	Dot product	1			1		1	4	4.0%
16	Triple product						0	0	0.0%
17	Vector equations						0	0	0.0%
<b>III</b>	<b>CO-ORDINATE GEOMETRY</b>	<b>3</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>3</b>	<b>12</b>	<b>12.0%</b>
18	Co-ordinate system						0	0	0.0%
19	straight line & pair of Straight lines						0	0	0.0%
20	Circles & system of circles	1				1	1	4	4.0%
21	Parabola	1				1	1	4	4.0%
22	Ellipse						0	0	0.0%
23	Hyperbola	1		1			1	4	4.0%
<b>IV</b>	<b>3 D-GEOMETRY</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>4</b>	<b>4.0%</b>
24	Co-ordinate system						0	0	0.0%
25	Dc's & dr's						0	0	0.0%
26	Planes	1		1			1	4	4.0%
27	Lines and planes						0	0	0.0%



<b>V</b>	<b>CALCULUS</b>	<b>8</b>	<b>0</b>	<b>3</b>	<b>3</b>	<b>2</b>	<b>8</b>	<b>32</b>	<b>32.0%</b>
28	Functions	1				1	1	4	4.0%
29	Limits						0	0	0.0%
30	Continuity & differentiability						0	0	0.0%
31	Differentiation						0	0	0.0%
32	Monotonicity & maxima minima and mean-value theorems	2			2		2	8	8.0%
33	Tangents and normals	1		1			1	4	4.0%
34	Rate measure & errors						0	0	0.0%
35	Indefinite integration						0	0	0.0%
36	Definite integration	2		1		1	2	8	8.0%
37	Areas	1			1		1	4	4.0%
38	Differential equations	1		1			1	4	4.0%
<b>VI</b>	<b>TRIGONOMETRY</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>4</b>	<b>4.0%</b>
39	Trigonometric identities & ratios	1		1			1	4	4.0%
40	Transformations						0	0	0.0%
41	Trigonometric equations						0	0	0.0%
42	Inverse trigonometric functions						0	0	0.0%
43	Properties of triangles						0	0	0.0%
44	Trigonometric curves						0	0	0.0%
45	Heights & distances						0	0	0.0%
<b>VII</b>	<b>MISCELLANEOUS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0%</b>
<b>VIII</b>	<b>TOTAL</b>	<b>25</b>	<b>0</b>	<b>13</b>	<b>8</b>	<b>4</b>	<b>25</b>	<b>100</b>	<b>100.0%</b>

## 9th Jan Slot-1

SNO	NAME OF THE TOPIC	Question Based		LEVEL			Marks With %		
		Theory	Formulae	Easy	Moderate	Tough	NO.of Q's	MARKS	%
<b>I</b>	<b>ALGEBRA</b>	<b>9</b>	<b>0</b>	<b>4</b>	<b>5</b>	<b>0</b>	<b>9</b>	<b>36</b>	<b>36.0%</b>
1	Binomial theorem	1			1		1	4	4.0%
2	Matrix and determinants and linear equations	1		1			1	4	4.0%
3	Quadratic equation	1			1		1	4	4.0%
4	Sequences and series	1			1		1	4	4.0%
5	Complex numbers	1		1			1	4	4.0%
6	Mathematical reasoning	1		1			1	4	4.0%
7	Sets and relations						0	0	0.0%
8	Permutations and combinations	1			1		1	4	4.0%
9	Probability & random variable	1			1		1	4	4.0%
10	Statistics	1		1			1	4	4.0%
11	Logarithms						0	0	0.0%
12	Mathematical induction						0	0	0.0%
<b>II</b>	<b>VECTOR ALGEBRA</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>4</b>	<b>4.0%</b>
13	Properties of vectors						0	0	0.0%
14	Scalar product						0	0	0.0%
15	Dot product	1			1		1	4	4.0%
16	Triple product						0	0	0.0%
17	Vector equations						0	0	0.0%
<b>III</b>	<b>CO-ORDINATE GEOMETRY</b>	<b>3</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>0</b>	<b>3</b>	<b>12</b>	<b>12.0%</b>
18	Co-ordinate system						0	0	0.0%
19	straight line & pair of Straight lines	1			1		1	4	4.0%
20	Circles & system of circles	1			1		1	4	4.0%
21	Parabola						0	0	0.0%
22	Ellipse						0	0	0.0%
23	Hyperbola	1		1			1	4	4.0%
<b>IV</b>	<b>3 D-GEOMETRY</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>8</b>	<b>8.0%</b>
24	Co-ordinate system						0	0	0.0%
25	Dc's & dr's						0	0	0.0%
26	Planes	1		1			1	4	4.0%
27	Lines and planes	1		1			1	4	4.0%

<b>V</b>	<b>CALCULUS</b>	<b>9</b>	<b>0</b>	<b>2</b>	<b>4</b>	<b>3</b>	<b>9</b>	<b>36</b>	<b>36.0%</b>
28	Functions	1				1	1	4	4.0%
29	Limits						0	0	0.0%
30	Continuity & differentiability	2		1	1		2	8	8.0%
31	Differentiation						0	0	0.0%
32	Monotonicity & maxima minima and mean-value theorems	1				1	1	4	4.0%
33	Tangents and normals						0	0	0.0%
34	Rate measure & errors	1		1			1	4	4.0%
35	Indefinite integration	1			1		1	4	4.0%
36	Definite integration	2			1	1	2	8	8.0%
37	Areas						0	0	0.0%
38	Differential equations	1			1		1	4	4.0%
<b>VI</b>	<b>TRIGONOMETRY</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>4</b>	<b>4.0%</b>
39	Trigonometric identities & ratios	1			1		1	4	4.0%
40	Transformations						0	0	0.0%
41	Trigonometric equations						0	0	0.0%
42	Inverse trigonometric functions						0	0	0.0%
43	Properties of triangles						0	0	0.0%
44	Trigonometric curves						0	0	0.0%
45	Heights & distances						0	0	0.0%
<b>VII</b>	<b>MISCELLANEOUS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0%</b>
<b>VIII</b>	<b>TOTAL</b>	<b>25</b>	<b>0</b>	<b>9</b>	<b>13</b>	<b>3</b>	<b>25</b>	<b>100</b>	<b>100.0%</b>

## 9 th Jan Slot-2

SNO	NAME OF THE TOPIC	Question Based		LEVEL			Marks With %		
		Theory	Formulae	Easy	Moderate	Tough	NO.of Q's	MARKS	%
<b>I</b>	<b>ALGEBRA</b>	<b>12</b>	<b>0</b>	<b>3</b>	<b>8</b>	<b>1</b>	<b>12</b>	<b>48</b>	<b>48.0%</b>
1	Binomial theorem	2			1	1	2	8	8.0%
2	Matrix and determinants and linear equations	2		1	1		2	8	8.0%
3	Quadratic equation	1			1		1	4	4.0%
4	Sequences and series	2			2		2	8	8.0%
5	Complex numbers	1		1			1	4	4.0%
6	Mathematical reasoning	1			1		1	4	4.0%
7	Sets and relations	1			1		1	4	4.0%
8	Permutations and combinations						0	0	0.0%
9	Probability & random variable	2		1	1		2	8	8.0%
10	Statistics						0	0	0.0%
11	Logarithms						0	0	0.0%
12	Mathematical induction						0	0	0.0%
<b>II</b>	<b>VECTOR ALGEBRA</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>4</b>	<b>4.0%</b>
13	Properties of vectors						0	0	0.0%
14	Scalar product						0	0	0.0%
15	Dot product						0	0	0.0%
16	Triple product	1			1		1	4	4.0%
17	Vector equations						0	0	0.0%
<b>III</b>	<b>CO-ORDINATE GEOMETRY</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>3</b>	<b>12</b>	<b>12.0%</b>
18	Co-ordinate system						0	0	0.0%
19	straight line & pair of Straight lines						0	0	0.0%
20	Circles & system of circles	1				1	1	4	4.0%
21	Parabola	1			1		1	4	4.0%
22	Ellipse	1			1		1	4	4.0%
23	Hyperbola						0	0	0.0%
<b>IV</b>	<b>3 D-GEOMETRY</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>4</b>	<b>4.0%</b>
24	Co-ordinate system						0	0	0.0%
25	Dc's & dr's						0	0	0.0%
26	Planes	1			1		1	4	4.0%
27	Lines and planes						0	0	0.0%

<b>V</b>	<b>CALCULUS</b>	<b>7</b>	<b>0</b>	<b>2</b>	<b>3</b>	<b>2</b>	<b>7</b>	<b>28</b>	<b>28.0%</b>
28	Functions						0	0	0.0%
29	Limits						0	0	0.0%
30	Continuity & differentiability	2			1	1	2	8	8.0%
31	Differentiation	1		1			1	4	4.0%
32	Monotonicity & maxima minima and mean-value theorems						0	0	0.0%
33	Tangents and normals						0	0	0.0%
34	Rate measure & errors						0	0	0.0%
35	Indefinite integration	1			1		1	4	4.0%
36	Definite integration	1			1		1	4	4.0%
37	Areas	1				1	1	4	4.0%
38	Differential equations	1		1			1	4	4.0%
<b>VI</b>	<b>TRIGONOMETRY</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>4</b>	<b>4.0%</b>
39	Trigonometric identities & ratios	1			1		1	4	4.0%
40	Transformations						0	0	0.0%
41	Trigonometric equations						0	0	0.0%
42	Inverse trigonometric functions						0	0	0.0%
43	Properties of triangles						0	0	0.0%
44	Trigonometric curves						0	0	0.0%
45	Heights & distances						0	0	0.0%
<b>VII</b>	<b>MISCELLANEOUS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0%</b>
<b>viii</b>	<b>TOTAL</b>	<b>25</b>	<b>0</b>	<b>5</b>	<b>16</b>	<b>4</b>	<b>25</b>	<b>100</b>	<b>100.0%</b>

Analysis prepared by  
**Mr. M.Uma Shankar**  
National IIT Coordinator



# Sri Chaitanya IIT Academy.,India.

✪ A.P ✪ T.S ✪ KARNATAKA ✪ TAMILNADU ✪ MAHARASTRA ✪ DELHI ✪ RANCHI

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ICON Central Office, Madhapur – Hyderabad

## Physics\_ Question Standard Analysis\_ Jee Main 2020 (Jan)\_Date Wise

Subject	Exam Date	Slot	Easy Level			Medium Level			Difficult Level			Grand Total	
			No.of. Q's	Marks	%	No.of. Q's	Marks	%	No.of. Q's	Marks	%	No.of. Q's	Marks
Physics	07.01.20	Shift-1	11	44	44.0%	13	52	52.0%	1	4	4.0%	25	100
Physics	07.01.20	Shift-2	9	36	36.0%	14	56	56.0%	2	8	8.0%	25	100
Physics	08.01.20	Shift-1	13	52	52.0%	12	48	48.0%	0	0	0.0%	25	100
Physics	08.01.20	Shift-2	6	24	24.0%	17	68	68.0%	2	8	8.0%	25	100
Physics	09.01.20	Shift-1	11	44	44.0%	13	52	52.0%	1	4	4.0%	25	100
Physics	09.01.20	Shift-2	7	28	28.0%	16	64	64.0%	2	8	8.0%	25	100
<b>All Date Exam Tot</b>			<b>57</b>	<b>228</b>	<b>228.0%</b>	<b>85</b>	<b>340</b>	<b>35.4%</b>	<b>8</b>	<b>32</b>	<b>3.3%</b>	<b>150</b>	<b>600</b>

## Physics\_ Jr & Sr\_ Intermediate Analysis- Jee-Main – 2020

Subject	Exam Date	Slot	JR-INTER			SR-INTER			Total		
			No.of. Q's	Marks	%	No.of. Q's	Marks	%	No.of. Q's	Marks	%
Physics	07.01.20	Shift-1	10	40	40.0%	15	60	60.0%	25	100	100.0%
Physics	07.01.20	Shift-2	11	44	44.0%	14	56	56.0%	25	100	100.0%
Physics	08.01.20	Shift-1	11	44	44.0%	14	56	56.0%	25	100	100.0%
Physics	08.01.20	Shift-2	11	44	44.0%	14	56	56.0%	25	100	100.0%
Physics	09.01.20	Shift-1	12	48	40.0%	13	52	52.0%	25	100	100.0%
Physics	09.01.20	Shift-2	9	36	36.0%	16	64	64.0%	25	100	100.0%
<b>All Date Exam Tot</b>			<b>64</b>	<b>256</b>	<b>42.7%</b>	<b>86</b>		<b>0.0%</b>	<b>150</b>	<b>600</b>	<b>100.0%</b>

## Physics\_ CBSE\_ Intermediate Analysis- Jee-Main – 2020

Subject	Exam Date	Slot	JR-INTER			SR-INTER			Total		
			No.of. Q's	Marks	%	No.of. Q's	Marks	%	No.of. Q's	Marks	%
Physics	07.01.20	Shift-1	11	44	36.7%	14	56	56.0%	25	100	100.0%
Physics	07.01.20	Shift-2	12	48	48.0%	13	52	52.0%	25	100	100.0%
Physics	08.01.20	Shift-1	12	48	48.0%	13	52	52.0%	25	100	100.0%
Physics	08.01.20	Shift-2	12	48	48.0%	13	52	52.0%	25	100	100.0%
Physics	09.01.20	Shift-1	13	52	52.0%	12	48	48.0%	25	100	100.0%
Physics	09.01.20	Shift-2	11	44	44.0%	14	56	56.0%	25	100	100.0%
<b>All Date Exam Tot</b>			<b>71</b>	<b>284</b>	<b>29.6%</b>	<b>79</b>	<b>316</b>	<b>52.7%</b>	<b>150</b>	<b>600</b>	<b>100.0%</b>

Analysis prepared by  
**Mr. M.Uma Shankar**  
National IIT Coordinator



**A right Choice for the Real Aspirant**

ICON Central Office, Madhapur – Hyderabad

## 2020 Jee-Main Physics Topic Wise Analysis

### 7th Jan Slot-1

SNO	NAME OF THE TOPIC	Question Based On		LEVEL			Marks With %		
		Theory	Formulae	Easy	Moderate	Tough	NO.of Q's	MARKS	%
<b>I</b>	<b>Mechanics</b>	<b>0</b>	<b>6</b>	<b>1</b>	<b>5</b>	<b>0</b>	<b>6</b>	<b>24</b>	<b>24.0%</b>
1	Units & Measurement						0	0	0.0%
2	Kinematics						0	0	0.0%
3	Laws of Motion						0	0	0.0%
4	Work, Power & Energy		2		2		2	8	8.0%
5	Rotational Motions		3	1	2		3	12	12.0%
6	Gravitation		1		1		1	4	4.0%
7	Properties of Solids						0	0	0.0%
8	Properties of Liquids						0	0	0.0%
<b>II</b>	<b>Heat &amp; Thermodynamics</b>	<b>0</b>	<b>4</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>4</b>	<b>16</b>	<b>16.0%</b>
9	Thermal Properties of Matter		1	1			1	4	4.0%
10	Thermodynamics		2	2			2	8	8.0%
11	KTG		1		1		1	4	4.0%
<b>III</b>	<b>Oscillation &amp; Waves</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>4</b>	<b>4.0%</b>
12	Simple Harmonic Motion						0	0	0.0%
13	Sound Waves		1	1			1	4	4.0%
<b>IV</b>	<b>Optics</b>	<b>0</b>	<b>3</b>	<b>1</b>	<b>2</b>	<b>0</b>	<b>3</b>	<b>12</b>	<b>12.0%</b>
14	Geometrical Optics & Physical Optics		1		1		1	4	4.0%
15	Wave Optics		2	1	1		2	8	8.0%
<b>V</b>	<b>Electrodynamics</b>	<b>2</b>	<b>6</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>8</b>	<b>32</b>	<b>32.0%</b>
16	Electrostatics		1		1		1	4	4.0%
17	Capacitance		1			1	1	4	4.0%
18	Current Electricity		1	1			1	4	4.0%
19	Magnetic Effects of Current		1		1		1	4	4.0%
20	Magnetism & Matter	1	1	1	1		2	8	8.0%
21	Electro Magnetic Induction & AC	1			1		1	4	4.0%
22	EM Waves		1	1			1	4	4.0%
<b>VI</b>	<b>Modern Physics</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>8</b>	<b>8.0%</b>
23	Atomic Physics		1		1		1	4	4.0%
24	Nuclear Physics						0	0	0.0%
25	Dual Nature of Matter		1	1			1	4	4.0%
<b>VII</b>	<b>Electronic Devices</b>	<b>1</b>		<b>1</b>			<b>1</b>	<b>4</b>	<b>4.0%</b>
<b>VIII</b>	<b>Communication Systems</b>						<b>0</b>	<b>0</b>	<b>0.0%</b>
<b>IX</b>	<b>TOTAL</b>	<b>3</b>	<b>22</b>	<b>11</b>	<b>13</b>	<b>1</b>	<b>25</b>	<b>100</b>	<b>100.0%</b>

## 7th Jan Slot-2

SNO	NAME OF THE TOPIC	Question Based On		LEVEL			Marks With %		
		Theory	Formulae	Easy	Moderate	Tough	NO.of Q's	MARKS	%
<b>I</b>	<b>Mechanics</b>	<b>0</b>	<b>8</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>8</b>	<b>32</b>	<b>32.0%</b>
1	Units & Measurement		1	1			1	4	4.0%
2	Kinematics		1		1		1	4	4.0%
3	Laws of Motion		2		1	1	2	8	8.0%
4	Work, Power & Energy		2	1	1		2	8	8.0%
5	Rotational Motions						0	0	0.0%
6	Gravitation		1		1		1	4	4.0%
7	Properties of Solids						0	0	0.0%
8	Properties of Liquids		1	1			1	4	4.0%
<b>II</b>	<b>Heat &amp; Thermodynamics</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>3</b>	<b>12</b>	<b>12.0%</b>
9	Thermal Properties of Matter		1		1		1	4	4.0%
10	Thermodynamics		1			1	1	4	4.0%
11	KTG		1		1		1	4	4.0%
<b>III</b>	<b>Oscillation &amp; Waves</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>4</b>	<b>4.0%</b>
12	Simple Harmonic Motion						0	0	0.0%
13	Sound Waves		1		1		1	4	4.0%
<b>IV</b>	<b>Optics</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>8</b>	<b>8.0%</b>
14	Geometrical Optics & Physical Optics		1	1			1	4	4.0%
15	Wave Optics		1	1			1	4	4.0%
<b>V</b>	<b>Electrodynamics</b>	<b>1</b>	<b>7</b>	<b>1</b>	<b>7</b>	<b>0</b>	<b>8</b>	<b>32</b>	<b>32.0%</b>
16	Electrostatics						0	0	0.0%
17	Capacitance		1		1		1	4	4.0%
18	Current Electricity		2		2		2	8	8.0%
19	Magnetic Effects of Current		1	1			1	4	4.0%
20	Magnetism & Matter	1			1		1	4	4.0%
21	Electro Magnetic Induction & AC		2		2		2	8	8.0%
22	EM Waves		1		1		1	4	4.0%
<b>VI</b>	<b>Modern Physics</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>8</b>	<b>8.0%</b>
23	Atomic Physics						0	0	0.0%
24	Nuclear Physics		1	1			1	4	4.0%
25	Dual Nature of Matter		1	1			1	4	4.0%
<b>VII</b>	<b>Electronic Devices</b>		<b>1</b>	<b>1</b>			<b>1</b>	<b>4</b>	<b>4.0%</b>
<b>VIII</b>	<b>Communication Systems</b>						<b>0</b>	<b>0</b>	<b>0.0%</b>
<b>IX</b>	<b>TOTAL</b>	<b>1</b>	<b>24</b>	<b>9</b>	<b>14</b>	<b>2</b>	<b>25</b>	<b>100</b>	<b>100.0%</b>



## 8th Jan Slot-1

SNO	NAME OF THE TOPIC	Question Based On		LEVEL			Marks With %		
		Theory	Formulae	Easy	Moderate	Tough	NO.of Q's	MARKS	%
<b>I</b>	<b>Mechanics</b>	<b>0</b>	<b>9</b>	<b>3</b>	<b>6</b>	<b>0</b>	<b>9</b>	<b>36</b>	<b>36.0%</b>
1	Units & Measurement		1	1			1	4	4.0%
2	Kinematics		1	1			1	4	4.0%
3	Laws of Motion						0	0	0.0%
4	Work, Power & Energy		1		1		1	4	4.0%
5	Rotational Motions		3	1	2		3	12	12.0%
6	Gravitation		1		1		1	4	4.0%
7	Properties of Solids						0	0	0.0%
8	Properties of Liquids		2		2		2	8	8.0%
<b>II</b>	<b>Heat &amp; Thermodynamics</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>8</b>	<b>8.0%</b>
9	Thermal Properties of Matter						0	0	0.0%
10	Thermodynamics		1		1		1	4	4.0%
11	KTG	1			1		1	4	4.0%
<b>III</b>	<b>Oscillation &amp; Waves</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>4</b>	<b>4.0%</b>
12	Simple Harmonic Motion						0	0	0.0%
13	Sound Waves		1		1		1	4	0.0%
<b>IV</b>	<b>Optics</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>8</b>	<b>8.0%</b>
14	Geometrical Optics & Physical Optics		2	2			2	8	8.0%
15	Wave Optics						0	0	0.0%
<b>V</b>	<b>Electrodynamics</b>	<b>0</b>	<b>8</b>	<b>7</b>	<b>1</b>	<b>0</b>	<b>8</b>	<b>32</b>	<b>32.0%</b>
16	Electrostatics		2	1	1		2	8	8.0%
17	Capacitance		2	2			2	8	8.0%
18	Current Electricity		1	1			1	4	4.0%
19	Magnetic Effects of Current		1	1			1	4	4.0%
20	Magnetism & Matter						0	0	0.0%
21	Electro Magnetic Induction & AC		1	1			1	4	4.0%
22	EM Waves		1	1			1	4	4.0%
<b>VI</b>	<b>Modern Physics</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>8</b>	<b>8.0%</b>
23	Atomic Physics	1			1		1	4	4.0%
24	Nuclear Physics						0	0	0.0%
25	Dual Nature of Matter		1		1		1	4	4.0%
<b>VII</b>	<b>Electronic Devices</b>		<b>1</b>	<b>1</b>			<b>1</b>	<b>4</b>	<b>4.0%</b>
<b>VIII</b>	<b>Communication Systems</b>						<b>0</b>	<b>0</b>	<b>0.0%</b>
<b>IX</b>	<b>TOTAL</b>	<b>2</b>	<b>23</b>	<b>13</b>	<b>12</b>	<b>0</b>	<b>25</b>	<b>100</b>	<b>100.0%</b>

## 8th Jan Slot-2

SNO	NAME OF THE TOPIC	Question Based On		LEVEL			Marks With %		
		Theory	Formulae	Easy	Moderate	Tough	NO.of Q's	MARKS	%
<b>I</b>	<b>Mechanics</b>	<b>1</b>	<b>6</b>	<b>1</b>	<b>5</b>	<b>1</b>	<b>7</b>	<b>28</b>	<b>28.0%</b>
1	Units & Measurement						0	0	0.0%
2	Kinematics	1	1		2		2	8	8.0%
3	Laws of Motion						0	0	0.0%
4	Work, Power & Energy		1	1			1	4	4.0%
5	Rotational Motions		2		2		2	8	8.0%
6	Gravitation		1			1	1	4	4.0%
7	Properties of Solids						0	0	0.0%
8	Properties of Liquids		1		1		1	4	4.0%
<b>II</b>	<b>Heat &amp; Thermodynamics</b>	<b>0</b>	<b>3</b>	<b>1</b>	<b>2</b>	<b>0</b>	<b>3</b>	<b>12</b>	<b>12.0%</b>
9	Thermal Properties of Matter		1		1		1	4	4.0%
10	Thermodynamics		1	1			1	4	4.0%
11	KTG		1		1		1	4	4.0%
<b>III</b>	<b>Oscillation &amp; Waves</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>8</b>	<b>8.0%</b>
12	Simple Harmonic Motion		1		1		1	4	4.0%
13	Sound Waves		1	1			1	4	4.0%
<b>IV</b>	<b>Optics</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>8</b>	<b>8.0%</b>
14	Geometrical Optics & Physical Optics		1		1		1	4	4.0%
15	Wave Optics		1	1			1	4	4.0%
<b>V</b>	<b>Electrodynamics</b>	<b>1</b>	<b>7</b>	<b>0</b>	<b>7</b>	<b>1</b>	<b>8</b>	<b>32</b>	<b>32.0%</b>
16	Electrostatics	1	1		2		2	8	8.0%
17	Capacitance		1			1	1	4	4.0%
18	Current Electricity		2		2		2	8	8.0%
19	Magnetic Effects of Current		1		1		1	4	4.0%
20	Magnetism & Matter						0	0	0.0%
21	Electro Magnetic Induction & AC		1		1		1	4	4.0%
22	EM Waves		1		1		1	4	4.0%
<b>VI</b>	<b>Modern Physics</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>8</b>	<b>8.0%</b>
23	Atomic Physics		1	1			1	4	4.0%
24	Nuclear Physics						0	0	0.0%
25	Dual Nature of Matter		1		1		1	4	4.0%
<b>VII</b>	<b>Electronic Devices</b>		<b>1</b>	<b>1</b>			<b>1</b>	<b>4</b>	<b>4.0%</b>
<b>VIII</b>	<b>Communication Systems</b>						<b>0</b>	<b>0</b>	<b>0.0%</b>
<b>IX</b>	<b>TOTAL</b>	<b>2</b>	<b>23</b>	<b>6</b>	<b>17</b>	<b>2</b>	<b>25</b>	<b>100</b>	<b>100.0%</b>

## 9th Jan Slot-1

SNO	NAME OF THE TOPIC	Question Based On		LEVEL			Marks With %		
		Theory	Formulae	Easy	Moderate	Tough	NO.of Q's	MARKS	%
<b>I</b>	<b>Mechanics</b>	<b>1</b>	<b>9</b>	<b>3</b>	<b>6</b>	<b>1</b>	<b>10</b>	<b>40</b>	<b>40.0%</b>
1	Units & Measurement		2	2			2	8	8.0%
2	Kinematics		2	1	1		2	8	8.0%
3	Laws of Motion						0	0	0.0%
4	Work, Power & Energy		2		1	1	2	8	8.0%
5	Rotational Motions		2		2		2	8	8.0%
6	Gravitation	1			1		1	4	4.0%
7	Properties of Solids						0	0	0.0%
8	Properties of Liquids		1		1		1	4	4.0%
<b>II</b>	<b>Heat &amp; Thermodynamics</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>8</b>	<b>8.0%</b>
9	Thermal Properties of Matter						0	0	0.0%
10	Thermodynamics	1			1		1	4	4.0%
11	KTG		1	1			1	4	4.0%
<b>III</b>	<b>Oscillation &amp; Waves</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>4</b>	<b>4.0%</b>
12	Simple Harmonic Motion						0	0	0.0%
13	Sound Waves		1		1		1	4	4.0%
<b>IV</b>	<b>Optics</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>8</b>	<b>8.0%</b>
14	Geometrical Optics & Physical Optics		2	1	1		2	8	8.0%
15	Wave Optics						0	0	0.0%
<b>V</b>	<b>Electrodynamics</b>	<b>0</b>	<b>7</b>	<b>3</b>	<b>4</b>	<b>0</b>	<b>7</b>	<b>28</b>	<b>28.0%</b>
16	Electrostatics		2		2		2	8	8.0%
17	Capacitance						0	0	0.0%
18	Current Electricity		1	1			1	4	4.0%
19	Magnetic Effects of Current		2		2		2	8	8.0%
20	Magnetism & Matter						0	0	0.0%
21	Electro Magnetic Induction & AC		1	1			1	4	4.0%
22	EM Waves		1	1			1	4	4.0%
<b>VI</b>	<b>Modern Physics</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>8</b>	<b>8.0%</b>
23	Atomic Physics		1	1			1	4	4.0%
24	Nuclear Physics						0	0	0.0%
25	Dual Nature of Matter		1	1			1	4	4.0%
<b>VII</b>	<b>Electronic Devices</b>		<b>1</b>	<b>1</b>			<b>1</b>	<b>4</b>	<b>4.0%</b>
<b>VIII</b>	<b>Communication Systems</b>						<b>0</b>	<b>0</b>	<b>0.0%</b>
<b>IX</b>	<b>TOTAL</b>	<b>2</b>	<b>23</b>	<b>11</b>	<b>13</b>	<b>1</b>	<b>25</b>	<b>100</b>	<b>100.0%</b>

## 9th Jan Slot-2

SNO	NAME OF THE TOPIC	Question Based On		LEVEL			Marks With %		
		Theory	Formulae	Easy	Moderate	Tough	NO.of Q's	MARKS	%
<b>I</b>	<b>Mechanics</b>	<b>0</b>	<b>8</b>	<b>2</b>	<b>4</b>	<b>2</b>	<b>8</b>	<b>32</b>	<b>32.0%</b>
1	Units & Measurement		1		1		1	4	4.0%
2	Kinematics		2		2		2	8	8.0%
3	Laws of Motion						0	0	0.0%
4	Work, Power & Energy						0	0	0.0%
5	Rotational Motions		3	1		2	3	12	12.0%
6	Gravitation		1	1			1	4	4.0%
7	Properties of Solids						0	0	0.0%
8	Properties of Liquids		1		1		1	4	4.0%
<b>II</b>	<b>Heat &amp; Thermodynamics</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>4</b>	<b>4.0%</b>
9	Thermal Properties of Matter						0	0	0.0%
10	Thermodynamics						0	0	0.0%
11	KTG		1		1		1	4	4.0%
<b>III</b>	<b>Oscillation &amp; Waves</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>8</b>	<b>8.0%</b>
12	Simple Harmonic Motion						0	0	0.0%
13	Sound Waves		2	1	1		2	8	8.0%
<b>IV</b>	<b>Optics</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>8</b>	<b>8.0%</b>
14	Geometrical Optics & Physical Optics		1		1		1	4	4.0%
15	Wave Optics		1	1			1	4	4.0%
<b>V</b>	<b>Electrodynamics</b>	<b>0</b>	<b>8</b>	<b>2</b>	<b>6</b>	<b>0</b>	<b>8</b>	<b>32</b>	<b>32.0%</b>
16	Electrostatics		1		1		1	4	4.0%
17	Capacitance		1		1		1	4	4.0%
18	Current Electricity		2	1	1		2	8	8.0%
19	Magnetic Effects of Current		2		2		2	8	8.0%
20	Magnetism & Matter						0	0	0.0%
21	Electro Magnetic Induction & AC		1	1			1	4	4.0%
22	EM Waves		1		1		1	4	4.0%
<b>VI</b>	<b>Modern Physics</b>	<b>0</b>	<b>3</b>	<b>1</b>	<b>2</b>	<b>0</b>	<b>3</b>	<b>12</b>	<b>12.0%</b>
23	Atomic Physics		1		1		1	4	4.0%
24	Nuclear Physics		1		1		1	4	4.0%
25	Dual Nature of Matter		1	1			1	4	4.0%
<b>VII</b>	<b>Electronic Devices</b>		<b>1</b>		<b>1</b>		<b>1</b>	<b>4</b>	<b>4.0%</b>
<b>VIII</b>	<b>Communication Systems</b>						<b>0</b>	<b>0</b>	<b>0.0%</b>
<b>IX</b>	<b>TOTAL</b>	<b>0</b>	<b>25</b>	<b>7</b>	<b>16</b>	<b>2</b>	<b>25</b>	<b>100</b>	<b>100.0%</b>

Analysis prepared by  
**Mr. M.Uma Shankar**  
 National IIT Coordinator



# Sri Chaitanya IIT Academy.,India.

✪ A.P ✪ T.S ✪ KARNATAKA ✪ TAMILNADU ✪ MAHARASTRA ✪ DELHI ✪ RANCHI

**A right Choice for the Real Aspirant**

ICON Central Office, Madhapur – Hyderabad

**Chemistry\_ Question Standard Analysis\_ Jee Main 2020 (Jan)\_ Date Wise**

Subject	Exam Date	Slot	Easy Level			Medium Level			Difficult Level			Grand Total	
			No.of. Q's	Marks	%	No.of. Q's	Marks	%	No.of. Q's	Marks	%	No.of. Q's	Marks
Chemistry	07.01.20	Shift-1	12	48	48.0%	8	32	32.0%	5	20	20.0%	25	100
Chemistry	07.01.20	Shift-2	12	48	48.0%	9	36	36.0%	4	16	16.0%	25	100
Chemistry	08.01.20	Shift-1	7	28	28.0%	15	60	60.0%	3	12	12.0%	25	100
Chemistry	08.01.20	Shift-2	14	56	56.0%	6	24	24.0%	5	20	20.0%	25	100
Chemistry	09.01.20	Shift-1	9	36	36.0%	12	48	48.0%	4	16	16.0%	25	100
Chemistry	09.01.20	Shift-2	6	24	24.0%	12	48	48.0%	7	28	28.0%	25	100
<b>All Date Exam Tot</b>			<b>60</b>	<b>240</b>	<b>40.0%</b>	<b>62</b>	<b>248</b>	<b>41.3%</b>	<b>28</b>	<b>112</b>	<b>18.7%</b>	<b>150</b>	<b>600</b>

**Chemistry\_Jr & Sr\_ Intermediate Analysis- Jee-Main – 2020**

Subject	Exam Date	Slot	JR-INTER			SR-INTER			Total		
			No.of. Q's	Marks	%	No.of. Q's	Marks	%	No.of. Q's	Marks	%
Chemistry	07.01.20	Shift-1	11	44	44.0%	14	56	46.7%	25	100	100.0%
Chemistry	07.01.20	Shift-2	11	44	44.0%	14	56	46.7%	25	100	100.0%
Chemistry	08.01.20	Shift-1	11	44	44.0%	14	56	46.7%	25	100	100.0%
Chemistry	08.01.20	Shift-2	11	44	44.0%	14	56	46.7%	25	100	100.0%
Chemistry	09.01.20	Shift-1	10	40	40.0%	15	60	50.0%	25	100	100.0%
Chemistry	09.01.20	Shift-2	12	48	48.0%	13	52	43.3%	25	100	100.0%
<b>All Date Exam Tot</b>			<b>66</b>	<b>264</b>	<b>44.0%</b>	<b>84</b>	<b>336</b>	<b>35.0%</b>	<b>150</b>	<b>600</b>	<b>100.0%</b>

**Chemistry\_CBSE\_ Intermediate Analysis- Jee-Main – 2020**

Subject	Exam Date	Slot	JR-INTER			SR-INTER			Total		
			No.of. Q's	Marks	%	No.of. Q's	Marks	%	No.of. Q's	Marks	%
Chemistry	07.01.20	Shift-1	11	44	44.0%	14	56	56.0%	25	100	100.0%
Chemistry	07.01.20	Shift-2	11	44	44.0%	14	56	56.0%	25	100	100.0%
Chemistry	08.01.20	Shift-1	11	44	44.0%	14	56	56.0%	25	100	100.0%
Chemistry	08.01.20	Shift-2	11	44	44.0%	14	56	56.0%	25	100	100.0%
Chemistry	09.01.20	Shift-1	10	40	40.0%	15	60	60.0%	25	100	100.0%
Chemistry	09.01.20	Shift-2	12	48	48.0%	13	52	52.0%	25	100	100.0%
<b>All Date Exam Tot</b>			<b>66</b>	<b>264</b>	<b>44.0%</b>	<b>84</b>	<b>336</b>	<b>56.0%</b>	<b>150</b>	<b>600</b>	<b>100.0%</b>

Analysis prepared by  
**Mr. M.Uma Shankar**  
National IIT Coordinator

# 2020\_Jee-Main\_Chemistry\_Topic Wise Analysis

## 7th Jan Slot-1

SNO	NAME OF THE TOPIC	Question Based On		LEVEL			Marks With %		
		Theory	Formulae	Easy	Moderate	Tough	NO.of Q's	MARKS	%
<b>I</b>	<b>Physical Chemistry</b>	<b>4</b>	<b>5</b>	<b>3</b>	<b>5</b>	<b>1</b>	<b>9</b>	<b>36</b>	<b>36.0%</b>
1	Atomic Structure		1	1			1	4	4.0%
2	Stoichiometry	1		1			1	4	4.0%
3	States of matter	2		1	1		2	12	12.0%
4	Ionic Equilibrium		1		1		1	8	8.0%
5	Chemical Equilibrium						0	0	0.0%
6	Thermodynamics		1		1		1	8	8.0%
7	Solid States						0	0	0.0%
8	Solutions & Colligative Properties	1			1		1	8	8.0%
9	Electrochemistry		1		1		1	8	8.0%
10	Chemical Kinetics		1			1	1	8	8.0%
11	Surface Chemistry						0	0	0.0%
<b>II</b>	<b>Inorganic Chemistry</b>	<b>7</b>	<b>0</b>	<b>7</b>	<b>0</b>	<b>0</b>	<b>7</b>	<b>28</b>	<b>28.0%</b>
12	Periodic Properties	2		2			2	8	8.0%
13	Chemical Bonding						0	0	0.0%
14	S-Block Elements						0	0	0.0%
15	P-Block Elements	1		1			1	4	4.0%
16	Transition elements (d- & f-block elements)						0	0	0.0%
17	Coordination compounds	2		2			2	8	8.0%
18	Environmental Chemistry						0	0	0.0%
19	Hydrogen & Its Compounds	1		1			1	4	4.0%
20	Metallurgy	1		1			1	4	4.0%
21	Practical Inorganic Chemistry						0	0	0.0%
<b>III</b>	<b>Organic Chemistry</b>	<b>9</b>	<b>0</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>9</b>	<b>36</b>	<b>36.0%</b>
22	General Organic Chemistry	2				2	2	16	16.0%
23	Hydrocarbons						0	0	0.0%
24	Alkyl Halides	2			2		2	16	16.0%
25	Alcohols, Phenols						0	0	0.0%
26	Ethers	1				1	1	8	8.0%
27	Carbonyl compounds	1			1		1	8	8.0%
28	Carboxylic Acids & its Derivatives						0	0	0.0%
29	Nitrogen Containing Compounds	2		1		1	2	12	12.0%
30	Aromatic Compounds (Benzen)						0	0	0.0%
31	Polymers						0	0	0.0%
32	Biomolecules	1		1			1	4	4.0%
33	Chemistry in Everyday life						0	0	0.0%
34	Practical Organic Chemistry						0	0	0.0%
<b>IV</b>	<b>TOTAL</b>	<b>20</b>	<b>5</b>	<b>12</b>	<b>8</b>	<b>5</b>	<b>25</b>	<b>100</b>	<b>100.0%</b>

## 7th Jan Slot-2

SNO	NAME OF THE TOPIC	Question Based On		LEVEL			Marks With %		
		Theory	Formulae	Easy	Moderate	Tough	NO.of Q's	MARKS	%
<b>I</b>	<b>Physical Chemistry</b>	<b>5</b>	<b>4</b>	<b>3</b>	<b>4</b>	<b>2</b>	<b>9</b>	<b>36</b>	<b>36.0%</b>
1	Atomic Structure						0	0	0.0%
2	Stoichiometry	1	1	1	1		2	12	12.0%
3	States of matter	1			1		1	8	8.0%
4	Ionic Equilibrium	1				1	1	8	8.0%
5	Chemical Equilibrium						0	0	0.0%
6	Thermodynamics		1	1			1	4	4.0%
7	Solid States						0	0	0.0%
8	Solutions & Colligative Properties	1			1		1	8	8.0%
9	Electrochemistry		1	1			1	4	4.0%
10	Chemical Kinetics	1			1		1	8	8.0%
11	Surface Chemistry		1			1	1	8	8.0%
<b>II</b>	<b>Inorganic Chemistry</b>	<b>7</b>	<b>1</b>	<b>6</b>	<b>2</b>	<b>0</b>	<b>8</b>	<b>32</b>	<b>32.0%</b>
12	Periodic Properties	1			1		1	8	8.0%
13	Chemical Bonding		1	1			1	4	4.0%
14	S-Block Elements						0	0	0.0%
15	P-Block Elements	1		1			1	4	4.0%
16	Transition elements (d- & f-block elements)						0	0	0.0%
17	Coordination compounds	2		1	1		2	12	12.0%
18	Environmental Chemistry						0	0	0.0%
19	Hydrogen & Its Compounds	1		1			1	4	4.0%
20	Metallurgy	1		1			1	4	4.0%
21	Practical Inorganic Chemistry	1		1			1	4	4.0%
<b>III</b>	<b>Organic Chemistry</b>	<b>8</b>	<b>0</b>	<b>3</b>	<b>3</b>	<b>2</b>	<b>8</b>	<b>32</b>	<b>32.0%</b>
22	General Organic Chemistry	2			1	1	2	16	16.0%
23	Hydrocarbons	1		1			1	4	4.0%
24	Alkyl Halides	1		1			1	4	4.0%
25	Alcohols, Phenols						0	0	0.0%
26	Ethers	1				1	1	8	8.0%
27	Carbonyl compounds						0	0	0.0%
28	Carboxylic Acids & its Derivatives						0	0	0.0%
29	Nitrogen Containing Compounds	1			1		1	8	8.0%
30	Aromatic Compounds (Benzen)						0	0	0.0%
31	Polymers						0	0	0.0%
32	Biomolecules	2		1	1		2	12	12.0%
33	Chemistry in Everyday life						0	0	0.0%
34	Practical Organic Chemistry						0	0	0.0%
<b>IV</b>	<b>TOTAL</b>	<b>20</b>	<b>5</b>	<b>12</b>	<b>9</b>	<b>4</b>	<b>25</b>	<b>100</b>	<b>100.0%</b>

## 8th Jan Slot-1

SNO	NAME OF THE TOPIC	Question Based On		LEVEL			Marks With %		
		Theory	Formulae	Easy	Moderate	Tough	NO.of Q's	MARKS	%
<b>I</b>	<b>Physical Chemistry</b>	<b>5</b>	<b>4</b>	<b>0</b>	<b>8</b>	<b>1</b>	<b>9</b>	<b>36</b>	<b>36.0%</b>
1	Atomic Structure		1		1		1	8	8.0%
2	Stoichiometry						0	0	0.0%
3	States of matter	1			1		1	8	8.0%
4	Ionic Equilibrium	1	1		1	1	2	16	16.0%
5	Chemical Equilibrium						0	0	0.0%
6	Thermodynamics	1			1		1	8	8.0%
7	Solid States						0	0	0.0%
8	Solutions & Colligative Properties	1			1		1	8	8.0%
9	Electrochemistry		1		1		1	8	8.0%
10	Chemical Kinetics		1		1		1	8	8.0%
11	Surface Chemistry	1			1		1	8	8.0%
<b>II</b>	<b>Inorganic Chemistry</b>	<b>6</b>	<b>2</b>	<b>5</b>	<b>2</b>	<b>1</b>	<b>8</b>	<b>32</b>	<b>32.0%</b>
12	Periodic Properties	2		2			2	8	8.0%
13	Chemical Bonding						0	0	0.0%
14	S-Block Elements	1		1			1	4	4.0%
15	P-Block Elements	1			1		1	8	8.0%
16	Transition elements (d- & f-block elements)						0	0	0.0%
17	Coordination compounds	1		1			1	4	4.0%
18	Environmental Chemistry	1		1			1	4	4.0%
19	Hydrogen & Its Compounds						0	0	0.0%
20	Metallurgy						0	0	0.0%
21	Practical Inorganic Chemistry		2		1	1	2	16	16.0%
<b>III</b>	<b>Organic Chemistry</b>	<b>7</b>	<b>1</b>	<b>2</b>	<b>5</b>	<b>1</b>	<b>8</b>	<b>32</b>	<b>32.0%</b>
22	General Organic Chemistry	1				1	1	8	8.0%
23	Hydrocarbons	1			1		1	8	8.0%
24	Alkyl Halides	1			1		1	8	8.0%
25	Alcohols, Phenols	1			1		1	8	8.0%
26	Ethers						0	0	0.0%
27	Carbonyl compounds						0	0	0.0%
28	Carboxylic Acids & its Derivatives	1		1			1	4	4.0%
29	Nitrogen Containing Compounds	1			1		1	8	8.0%
30	Aromatic Compounds (Benzen)						0	0	0.0%
31	Polymers						0	0	0.0%
32	Biomolecules	1	1	1	1		2	12	12.0%
33	Chemistry in Everyday life						0	0	0.0%
34	Practical Organic Chemistry						0	0	0.0%
<b>IV</b>	<b>TOTAL</b>	<b>18</b>	<b>7</b>	<b>7</b>	<b>15</b>	<b>3</b>	<b>25</b>	<b>100</b>	<b>100.0%</b>



## 8th Jan Slot-2

SNO	NAME OF THE TOPIC	Question Based On		LEVEL			Marks With %		
		Theory	Formulae	Easy	Moderate	Tough	NO.of Q's	MARKS	%
<b>I</b>	<b>Physical Chemistry</b>	<b>3</b>	<b>4</b>	<b>3</b>	<b>2</b>	<b>2</b>	<b>7</b>	<b>28</b>	<b>28.0%</b>
1	Atomic Structure		1	1			1	4	4.0%
2	Stoichiometry		1			1	1	8	8.0%
3	States of matter						0	0	0.0%
4	Ionic Equilibrium	1			1		1	8	8.0%
5	Chemical Equilibrium						0	0	0.0%
6	Thermodynamics		1	1			1	4	4.0%
7	Solid States	1		1			1	4	4.0%
8	Solutions & Colligative Properties						0	0	0.0%
9	Electrochemistry		1		1		1	8	8.0%
10	Chemical Kinetics	1				1	1	8	8.0%
11	Surface Chemistry						0	0	0.0%
<b>II</b>	<b>Inorganic Chemistry</b>	<b>8</b>	<b>1</b>	<b>6</b>	<b>2</b>	<b>1</b>	<b>9</b>	<b>36</b>	<b>36.0%</b>
12	Periodic Properties	1		1			1	4	4.0%
13	Chemical Bonding						0	0	0.0%
14	S-Block Elements	1				1	1	8	8.0%
15	P-Block Elements	1		1			1	4	4.0%
16	Transition elements (d- & f-block elements)						0	0	0.0%
17	Coordination compounds	2	1	3			3	12	12.0%
18	Environmental Chemistry						0	0	0.0%
19	Hydrogen & Its Compounds	1		1			1	4	4.0%
20	Metallurgy	1			1		1	8	8.0%
21	Practical Inorganic Chemistry	1			1		1	8	8.0%
<b>III</b>	<b>Organic Chemistry</b>	<b>9</b>	<b>0</b>	<b>5</b>	<b>2</b>	<b>2</b>	<b>9</b>	<b>36</b>	<b>36.0%</b>
22	General Organic Chemistry	1		1			1	4	4.0%
23	Hydrocarbons	3		1		2	3	20	20.0%
24	Alkyl Halides	1		1			1	4	4.0%
25	Alcohols, Phenols						0	0	0.0%
26	Ethers	1			1		1	8	8.0%
27	Carbonyl compounds	1			1		1	8	8.0%
28	Carboxylic Acids & its Derivatives						0	0	0.0%
29	Nitrogen Containing Compounds						0	0	0.0%
30	Aromatic Compounds (Benzen)						0	0	0.0%
31	Polymers	1		1			1	4	4.0%
32	Biomolecules	1		1			1	4	4.0%
33	Chemistry in Everyday life						0	0	0.0%
34	Practical Organic Chemistry						0	0	0.0%
<b>IV</b>	<b>TOTAL</b>	<b>20</b>	<b>5</b>	<b>14</b>	<b>6</b>	<b>5</b>	<b>25</b>	<b>100</b>	<b>100.0%</b>

## 9th Jan Slot-1

SNO	NAME OF THE TOPIC	Question Based On		LEVEL			Marks With %		
		Theory	Formulae	Easy	Moderate	Tough	NO.of Q's	MARKS	%
<b>I</b>	<b>Physical Chemistry</b>	<b>2</b>	<b>6</b>	<b>2</b>	<b>4</b>	<b>2</b>	<b>8</b>	<b>32</b>	<b>32.0%</b>
1	Atomic Structure		1	1			1	4	4.0%
2	Stoichiometry						0	0	0.0%
3	States of matter						0	0	0.0%
4	Ionic Equilibrium		1			1	1	8	8.0%
5	Chemical Equilibrium						0	0	0.0%
6	Thermodynamics	1			1		1	8	8.0%
7	Solid States						0	0	0.0%
8	Solutions & Colligative Properties		2	1	1		2	12	12.0%
9	Electrochemistry	1	1		1	1	2	16	16.0%
10	Chemical Kinetics		1		1		1	8	8.0%
11	Surface Chemistry						0	0	0.0%
<b>II</b>	<b>Inorganic Chemistry</b>	<b>5</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>1</b>	<b>9</b>	<b>36</b>	<b>36.0%</b>
12	Periodic Properties	2		1	1		2	12	12.0%
13	Chemical Bonding		1	1			1	4	4.0%
14	S-Block Elements						0	0	0.0%
15	P-Block Elements	1		1			1	4	4.0%
16	Transition elements (d- & f-block elements)	1		1			1	4	4.0%
17	Coordination compounds		2		2		2	16	16.0%
18	Environmental Chemistry						0	0	0.0%
19	Hydrogen & Its Compounds		1		1		1	8	8.0%
20	Metallurgy	1				1	1	8	8.0%
21	Practical Inorganic Chemistry						0	0	0.0%
<b>III</b>	<b>Organic Chemistry</b>	<b>8</b>	<b>0</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>8</b>	<b>32</b>	<b>32.0%</b>
22	General Organic Chemistry	1		1			1	4	4.0%
23	Hydrocarbons	2			2		2	16	16.0%
24	Alkyl Halides	1		1			1	4	4.0%
25	Alcohols, Phenols						0	0	0.0%
26	Ethers						0	0	0.0%
27	Carbonyl compounds	1				1	1	8	8.0%
28	Carboxylic Acids & its Derivatives						0	0	0.0%
29	Nitrogen Containing Compounds	1			1		1	8	8.0%
30	Aromatic Compounds (Benzen)						0	0	0.0%
31	Polymers						0	0	0.0%
32	Biomolecules	2		1	1		2	12	12.0%
33	Chemistry in Everyday life						0	0	0.0%
34	Practical Organic Chemistry						0	0	0.0%
<b>IV</b>	<b>TOTAL</b>	<b>15</b>	<b>10</b>	<b>9</b>	<b>12</b>	<b>4</b>	<b>25</b>	<b>100</b>	<b>100.0%</b>

## 9 th Jan Slot-2

SNO	NAME OF THE TOPIC	Question Based On		LEVEL			Marks With %		
		Theory	Formulae	Easy	Moderate	Tough	NO.of Q's	MARKS	%
<b>I</b>	<b>Physical Chemistry</b>	<b>3</b>	<b>4</b>	<b>0</b>	<b>3</b>	<b>4</b>	<b>7</b>	<b>28</b>	<b>28.0%</b>
1	Atomic Structure						0	0	0.0%
2	Stoichiometry		1			1	1	8	8.0%
3	States of matter						0	0	0.0%
4	Ionic Equilibrium		1			1	1	8	8.0%
5	Chemical Equilibrium	1			1		1	8	8.0%
6	Thermodynamics	1			1		1	8	8.0%
7	Solid States						0	0	0.0%
8	Solutions & Colligative Properties		1			1	1	8	8.0%
9	Electrochemistry						0	0	0.0%
10	Chemical Kinetics		1		1		1	8	8.0%
11	Surface Chemistry	1				1	1	8	8.0%
<b>II</b>	<b>Inorganic Chemistry</b>	<b>7</b>	<b>2</b>	<b>4</b>	<b>4</b>	<b>1</b>	<b>9</b>	<b>36</b>	<b>36.0%</b>
12	Periodic Properties						0	0	0.0%
13	Chemical Bonding						0	0	0.0%
14	S-Block Elements	1		1			1	4	4.0%
15	P-Block Elements	1		1			1	4	4.0%
16	Transition elements (d- & f-block elements)	2		1		1	2	12	12.0%
17	Coordination compounds	1	1		2		2	16	16.0%
18	Environmental Chemistry	1			1		1	8	8.0%
19	Hydrogen & Its Compounds	1	1	1	1		2	12	12.0%
20	Metallurgy						0	0	0.0%
21	Practical Inorganic Chemistry						0	0	0.0%
<b>III</b>	<b>Organic Chemistry</b>	<b>9</b>	<b>0</b>	<b>2</b>	<b>5</b>	<b>2</b>	<b>9</b>	<b>36</b>	<b>36.0%</b>
22	General Organic Chemistry	1			1		1	8	8.0%
23	Hydrocarbons	2		1	1		2	12	12.0%
24	Alkyl Halides	1			1		1	8	8.0%
25	Alcohols, Phenols						0	0	0.0%
26	Ethers						0	0	0.0%
27	Carbonyl compounds	1				1	1	8	8.0%
28	Carboxylic Acids & its Derivatives						0	0	0.0%
29	Nitrogen Containing Compounds	2		1		1	2	12	12.0%
30	Aromatic Compounds (Benzen)						0	0	0.0%
31	Polymers	1			1		1	8	8.0%
32	Biomolecules	1			1		1	8	8.0%
33	Chemistry in Everyday life						0	0	0.0%
34	Practical Organic Chemistry						0	0	0.0%
<b>IV</b>	<b>TOTAL</b>	<b>19</b>	<b>6</b>	<b>6</b>	<b>12</b>	<b>7</b>	<b>25</b>	<b>100</b>	<b>100.0%</b>

Analysis prepared by  
National IIT Coordinator  
**Mr. M.Uma Shankar**