Sri Chaitanya IIT Academy, India

A.P, TELANGANA, KARNATAKA, TAMILNADU, MAHARASHTRA, DELHI, RANCHI

A right Choice for the Real Aspirant

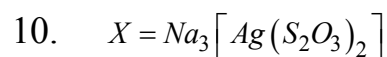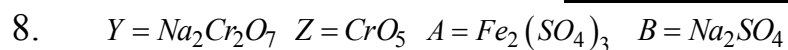ICON CENTRAL OFFICE, MADHAPUR-HYD

Sec: Sr. IPLCO   **Date: 07-11-15**

Time: 9:00 AM to 12:00 Noon   **RPTM-11**   **Max.Marks: 360**

KEY SHEET

CHEMISTRY		PHYSICS		MATHS	
Q.NO	ANSWER	Q.NO	ANSWER	Q.NO	ANSWER
1	1	31	3	61	3
2	1	32	1	62	2
3	1	33	2	63	4
4	1	34	1	64	4
5	1	35	2	65	3
6	3	36	2	66	3
7	3	37	3	67	3
8	4	38	1	68	3
9	3	39	1	69	4
10	1	40	3	70	2
11	2	41	2	71	3
12	1	42	4	72	3
13	4	43	1	73	2
14	1	44	4	74	3
15	3	45	2	75	4
16	4	46	1	76	2
17	3	47	3	77	2
18	1	48	3	78	1
19	4	49	2	79	3
20	3	50	3	80	2
21	4	51	2	81	4
22	4	52	2	82	4
23	4	53	4	83	3
24	2	54	4	84	3
25	2	55	2	85	4
26	2	56	1	86	3
27	4	57	1	87	3
28	4	58	3	88	2
29	4	59	2	89	4
30	2	60	2	90	3

CHEMISTRY

8. $Y = Na_2Cr_2O_7$ $Z = CrO_5$ $A = Fe_2(SO_4)_3$ $B = Na_2SO_4$

9. $A = K_2MnO_4$ $B = KMnO_4$ $C = I_2$ $D = S$ $E = CO_2$

10. $X = Na_3\left[Ag(S_2O_3)_2\right]$

11. $CoZnO_2$

15. $\Delta_t = 4/9\Delta_o$

16. $\left[Fe(H_2O)_5\, No\right]SO_4$

17. $[Mabcd]^+ = 3\,\text{isomers}$

22. $MnO_2, KMnO_4, K_2MnO_4$

28. $Mn^{2+} + S_2O_8^{2-} + H_2O \rightarrow MnO_4^- + SO_4^{2-} + H^+$

       $KMnO_4 \rightarrow K_2MnO_4 + MnO_2 + O_2$

29. $2\left[Cu(H_2O)_4\right]Cl_2 \rightleftharpoons \left[Cu(H_2O)_4\right]^{2+} + [CuCl_4]^{2-} + 4H_2O$