



# 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  
Time: 3 Hours

JEE-ADVANCE  
2011-P1-Model

Date: 18-10-15  
Max Marks: 240

## PAPER-I KEY & SOLUTIONS

### CHEMISTRY

1	D	2	C	3	A	4	B	5	C	6	C
7	B	8	CD	9	BC	10	ABC	11	ABD	12	B
13	A	14	B	15	D	16	C	17	2	18	6
19	2	20	2	21	6	22	3	23	8		

### PHYSICS

24	B	25	C	26	A	27	D	28	B	29	C
30	D	31	C	32	AD	33	CD	34	BC	35	B
36	B	37	B	38	A	39	B	40	5	41	7
42	4	43	5	44	4	45	3	46	6		

### MATHS

47	C	48	A	49	C	50	A	51	B	52	C
53	C	54	AC	55	BCD	56	BD	57	AB	58	C
59	D	60	B	61	D	62	B	63	2	64	6
65	2	66	3	67	0	68	1	69	8		

**CHEMISTRY**

1.  $A = \text{H}_3\text{PO}_2$
2.  $\text{H}_2\text{S}$  decolourised  $\text{K}_2\text{Cr}_2\text{O}_7$  acidified and forms ppt of 'S'
9.  $\text{H}_6\text{TeO}_6$  in weak diacidic acid.
16.  $\text{H}_2\text{S}$  can't be oxidized to  $\text{SO}_4^{2-}$  by  $\text{O}_3$
17.  $X = \text{H}_3\text{PO}_3$ ,  $Z = \text{H}_3\text{PO}_4$  gas =  $\text{PH}_3$
22. (II), (III), (IV) are used for preparation of Hypo
23.  $X = \text{NO}$ ,  $Y = \text{NO}_2$ ,  $Z = \text{N}_2\text{O}_3$