



# 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: 15-11-15  
Max Marks: 240

## PAPER-I KEY & SOLUTIONS

### CHEMISTRY

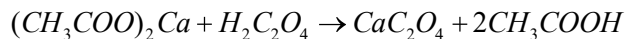
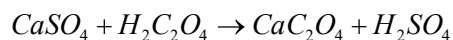
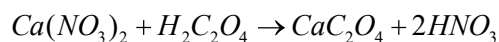
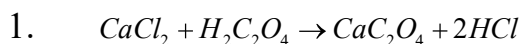
1	D	2	C	3	A	4	C	5	C	6	D
7	C	8	ACD	9	CD	10	BCD	11	BC	12	B
13	A	14	C	15	A	16	C	17	4	18	6
19	8	20	5	21	3	22	4	23	2		

### PHYSICS

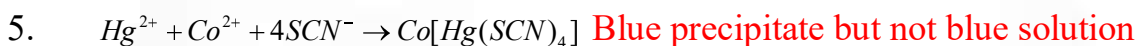
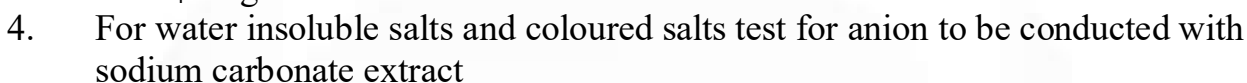
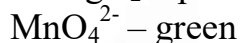
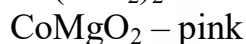
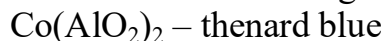
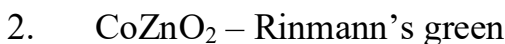
24	B	25	D	26	B	27	D	28	B	29	A
30	B	31	AC	32	AB	33	ACD	34	ACD	35	A
36	B	37	B	38	C	39	B	40	8	41	2
42	3	43	2	44	7	45	6	46	9		

### MATHS

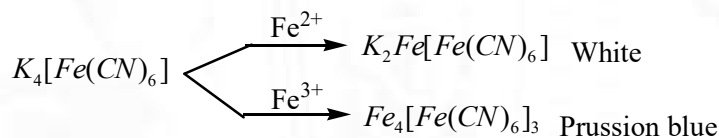
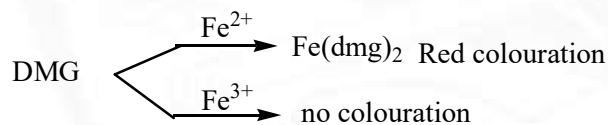
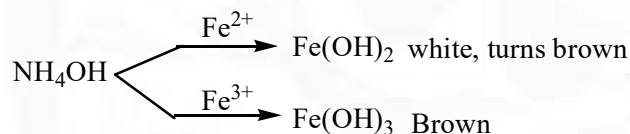
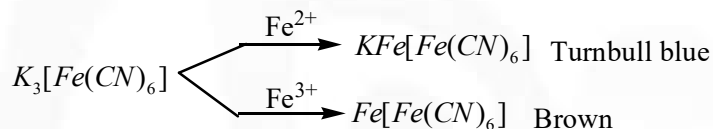
47	C	48	D	49	B	50	A	51	D	52	A
53	C	54	AC	55	BCD	56	AC	57	ABCD	58	C
59	B	60	A	61	C	62	D	63	3	64	4
65	7	66	5	67	8	68	3	69	2		

**CHEMISTRY**

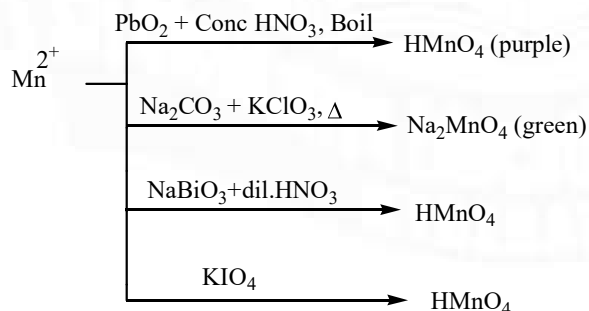
Any acid base reaction favorable in the direction of formation of weak acid and work base



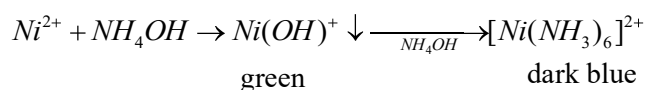
6.



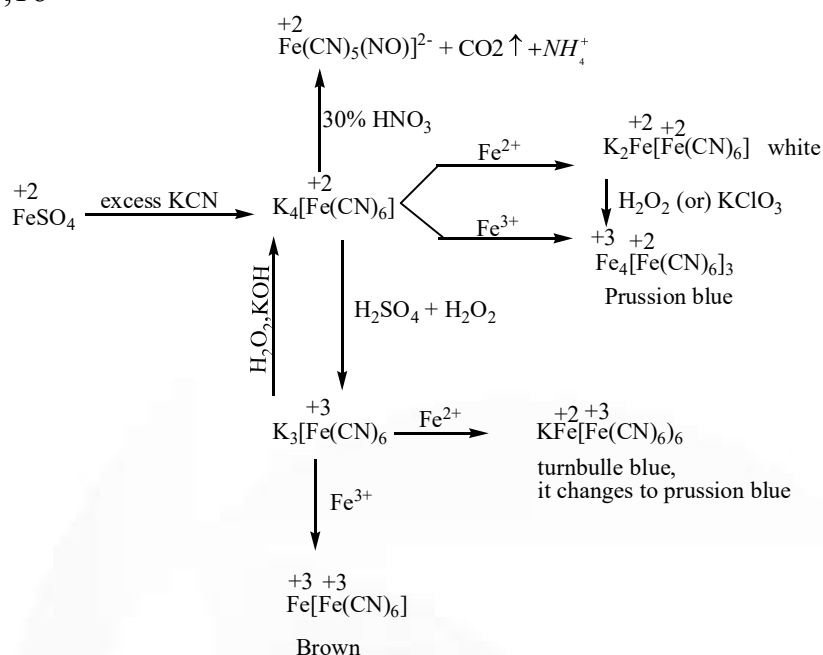
8.



9.



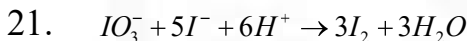
14,15,16



18. I, II, IV, V, VIII, IX

19. With  $\text{HCl} + \text{H}_2\text{S}$  only group – II cations are precipitated but with  $\text{NH}_4\text{Cl} + \text{NH}_4\text{OH} + \text{K}_2\text{S}$  along with group – IV, group – II cations are also precipitated if they are not precipitated earlier

20. First five



22. a, c, e, f are correct

