

Daily Tutorial Sheet [DTS] | Chemical Equilibrium

Level-1		DTS 1-5
----------------	--	----------------

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A	A	B	A	C	C	D	D	A	C	C	B	D	A	A
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
A	C	B	B	B	B	C	D	B	A	A	D	B	C	C
31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
A	A	A	B	B	A	A	D	C	D	C	D	B	D	C
46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
C	C	C	B	C	A	B	C	A	D	A	A	A	C	A
61	62	63	64	65	66	67	68	69	70	71	72	73	74	75
A	A	A	A	A	A	D	D	A	A	B	C	A	A	B

Level-2		DTS 6-11
----------------	--	-----------------

76	77	78	79	80	81	82	83	84	85	86	87	88	89	90
D	A	A	A	C	A	B	B	B	A	A	B	A	B	A
91	92	93	94	95	96	97	98	99	100	101	102	103	104	105
D	B	A	C	B	B	A	B	B	A	C	C	A	D	D
106	107	108	109	110	111	112	113	114	115	116	117	118	119	120
A	B	B	A	C	B	B	B	A	D	C	C	C	AC	A
121	122	123	124	125				126	127	128	129	130	131	132
D	D	A	C	[A-P, S] [B-P, S] [C-Q, R] [D-Q]				21	17.72	0.125	0.64	4.54	1	2
133	134	135	136	137	138	139	140							
1	0.45	5.24	50	0.32	200	0.11	53.85							

JEE Main (Archive)		DTS 1
---------------------------	--	--------------

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
D	A	0.33	D	D	B	D	A	D	A	B	B	B	A	A
16	17	18	19	20	21	22	23	24						
A	A	A	D	D	B	C	C	A						

JEE Advanced (Archive)		DTS 1-2
-------------------------------	--	----------------

1	2	3	4	5	6	7	8	9		
False	K _c = 0.68	False	ABCD	1.86	CD	True	0.20 M	K _α = 0.26 atm; α = 0.62		
10				11		12	13	14	15	
SO ₂ = $\frac{2}{87}$ atm; O ₂ = $\frac{125}{87}$ atm; SO ₃ = $\frac{85}{87}$ atm				277.77M ⁻²		CD	True	12.315 atm	No change	
16	17	18	19	20	21	22	23	24	25	26
Less	4.54 g/L	D	D	D	0 ; Backward	A	ABCD	B	ABC	A
27	28									
B	8.92									