

ANSWER KEY TO WORKBOOK-2

Daily Tutorial Sheet [DTS] | Thermochemistry

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

Level-2		DTS 6-11
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76	77	78	79	80	81	82	83	84	85	86	87	88	89	90
B	C	C	D	B	A	CD	BD	AC	AB	A	B	A	D	A
91	92	93	94	95	96	97	98	99	100	101	102	103	104	105
A	BC	C	BC	C	A	B	B	A	C	C	AC	B	BD	C
106	107	108	109	110	111	112	113	114	115	116	117	118	119	120
B	C	A	B	C	D	B	A	BC	B	A	B	ABC	A	B
121	122	123	124	125	126	127	128	129	130	131	132	131	134	135
C	A	A	B	A	7.43	5	104	4	14	400	550	10	176	17
136	137	138	139	140										
93	427	11.4	-2.7	314.8										

JEE Main (Archive)		DTS 1
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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
D	A	B	D	C	D	B	B	C	A	A	B	B	B	B
16	17	18	19	20										
D	A	B	-192.5	C										

JEE Advanced (Archive)										DTS 1-2				
1		2		3		4	5		6		7			
121.21 kcal		−41.4 kcal		54.2 Kcal		ΔH	−41.7 Kcal		−22 Kcal		− 372 k cal/mol			
8				9		10		11			12		13	
0.93 k cal/g, 3.94 k cal/cc				318.96 g		− 121 kJ/mol		82 kcal, 99 kcal			49.82 kJ		−55 kJ	
14		15		16		17		18		19		20		21
Endothermic		− 32 kJ/mol		5.46 x L/h		− 152 kJ/mol		− 265 kJ		− 2091.32 kJ		− 2035 kJ		B
22	23	24		25	26	27	28	29	30	31				
B	C	−563 kJ		9	B	D	C	D	−14.6	CD				