

Model answer lesson 2 chapter 2

Question	Answer	Question	Answer
1	B	31	A
2	B	32,33	C
3	D	34	A
4	D	35	D
5	D	36	B
6	C	37	C
7	D	38	C
8	C	39	1) C 2) A
9	A	40	A
10	A	41	C
11	C	42	D
12	C	43	C
13	C	44	C
14	C	45	B
15	B	46	B
16	A	47	D
17	D	48	B
18	C	49	1-A 2-C 3-D
19	B	50	C
20	C	51	C
21	D	52	A
22	B	53	A
23	D	54	C
24	B	55	D

25	C	56	C
26	C	57	C
27	A	58	C
28	C	59	B
29	C	60	D
30	A		

Essay questions :

61)	Experiment	K_2SO_4	K_3PO_4
	$\text{BaCl}_2 + \text{dil. HCl}$	White precipitate of BaSO_4 is formed which is insoluble in dil. HCl	White precipitate of $\text{Ba}_3(\text{PO}_4)_2$ is formed which is soluble in dil. HCl

62)	Experiment	BaSO_4	$\text{Ba}_3(\text{PO}_4)_2$
	dil. HCl	insoluble in dil. HCl	soluble in dil. HCl

63)	Experiment	HBr	HI
	Conc. $\text{H}_2\text{SO}_4 +$ paper wet with starch solution	Orange-red fumes of Br_2 are formed which turn paper wet with starch solution to yellow	Violet fumes of I_2 are formed which turn paper wet with starch solution to blue