

## 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

<b>25</b>	<b>C</b>	<b>56</b>	<b>C</b>
<b>26</b>	<b>C</b>	<b>57</b>	<b>C</b>
<b>27</b>	<b>A</b>	<b>58</b>	<b>C</b>
<b>28</b>	<b>C</b>	<b>59</b>	<b>B</b>
<b>29</b>	<b>C</b>	<b>60</b>	<b>D</b>
<b>30</b>	<b>A</b>		

## Essay questions :

61)	Experiment	$K_2SO_4$	$K_3PO_4$
	$BaCl_2 + \text{dil. HCl}$	White precipitate of $BaSO_4$ is formed which is insoluble in dil. HCl	White precipitate of $Ba_3(PO_4)_2$ is formed which is soluble in dil. HCl

62)	Experiment	$BaSO_4$	$Ba_3(PO_4)_2$
	dil. HCl	insoluble in dil. HCl	soluble in dil. HCl

63)	Experiment	HBr	HI
	Conc. $H_2SO_4$ + 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