

## Key for chem 101 Test #1

To calculate, take your score (scantron), for example “18”.

Then multiply it by the factor 5.4 and then add to that the score for problem 24, say “25” out of 40 . That would be 97 points. Add that to the points you obtained for problem #24.

That would be  $97 \text{ points} + 25 = 122$ .

Overall performance of the class: average = 85 out of 150 points ( 57 %)

The high was 150/150 points.

A rough estimate of letter grade for this test (in terms of scantron score) :

A = 129 or higher (i.e. 86% or higher)

B = 114 to 128 (i.e. 76% to 85%)

C = 75 - 113 (i.e. 50% to 75%)

D = 55 – 73 (i.e. 42% to 54%)

The key to the test versions is given below: Please check your scantron to see that you were properly scored by the machine. (If time permits, we will try to discuss the answers in class)

<i>version</i> ----- <i>question</i>	<i>A</i>	<i>B</i>	<i>C</i>	<i>D</i>	<i>E</i>
<b>1</b>	C	B	D	C	A
<b>2</b>	B	E	C	E	D
<b>3</b>	A	A	D	D	C
<b>4</b>	D	C	C	C	E
<b>5</b>	D	D	E	D	E
<b>6</b>	E	D	D	A	A
<b>7</b>	A	C	A	A	C
<b>8</b>	C or E	D	D	C or E	A
<b>9</b>	C	D	C or E	C	D
<b>10</b>	C	A	D	A	D
<b>11</b>	D	E	A	D	C or E
<b>12</b>	E	A	A	B	C
<b>13</b>	E	A	B	A	C
<b>14</b>	E	D	E	D	E
<b>15</b>	D	E	E	D	D
<b>16</b>	D	A	E	A	E
<b>17</b>	D	C or E	A	C	D
<b>18</b>	C	C	D	E	D
<b>19</b>	A	D	A	D	A
<b>20</b>	A	E	C	E	D
<b>21</b>	D	D	C	E	A
<b>22</b>	C	C	D	C	B
<b>23</b>	A	C	C	D	C