

# Biochemistry Website

Chemistry II - 2

## Properties of Acids

<b>Excellent</b> Content is very informative and well written. Info is accurate and very clear.  <b>6 Points</b>	<b>Very good</b> Content is correct and adequate, but more examples or details would have made it better. Proofreading needed.  <b>5 Points</b>	<b>Good</b> Content is brief or vague or contained incorrect information.  <b>4 Points</b>	<b>Needs more information</b> Needs more information to explain concept.  <b>3 Points</b>	<b>missing</b> Concept was missing from website.  <b>2 Points</b>
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## Properties of Bases

<b>Excellent</b> Content is very informative and well written. Info is accurate and very clear. Explained definition of an alkali.  <b>6 Points</b>	<b>Very good</b> Content is correct and adequate, but more examples or details would have made it better. Proofreading needed. Did not explain alkali.  <b>5 Points</b>	<b>Good</b> Content is brief or vague or contained incorrect information.  <b>4 Points</b>	<b>Needs more information</b> Needs more information to explain concept.  <b>3 Points</b>	<b>missing</b> Concept was missing from website.  <b>2 Points</b>
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## Arrhenius theory

<b>Excellent</b> Content is very informative and well written. Info is accurate and very clear.  <b>6 Points</b>	<b>Very good</b> Content is correct and adequate, but more examples or details would have made it better. Proofreading needed.  <b>5 Points</b>	<b>Good</b> Content is brief or vague or contained incorrect information.  <b>4 Points</b>	<b>Needs more information</b> Needs more information to explain concept.  <b>3 Points</b>	<b>missing</b> Concept was missing from website.  <b>2 Points</b>
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## Bronsted-Lowry theory

<b>Excellent</b> Content is very informative and well written. Info is accurate and very clear.  <b>6 Points</b>	<b>Very good</b> Content is correct and adequate, but should include an example of a reaction that demonstrates a Bronsted-Lowry acid and base.  <b>5 Points</b>	<b>Good</b> Content is brief or vague or contained incorrect information. Should include an example of a reaction that demonstrates a Bronsted-Lowry acid and base. Also, explain conjugate acids and conjugate bases.  <b>4 Points</b>	<b>Needs more information</b> Needs more information to explain concept.  <b>3 Points</b>	<b>missing</b> Concept was missing from website.  <b>2 Points</b>
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## Lewis theory

<b>Excellent</b> Content is very informative and well written. Info is accurate and very clear.  <b>6 Points</b>	<b>Very good</b> Content is correct and adequate, but should include an example of a reaction that demonstrates a Lewis acid and base.  <b>5 Points</b>	<b>Good</b> Content is brief or vague or contained incorrect information.  <b>4 Points</b>	<b>Needs more information</b> Needs more information to explain concept.  <b>3 Points</b>	<b>missing</b> Concept was missing from website.  <b>2 Points</b>
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## pH scale

<b>Excellent</b> Content is very informative and well written. Info is accurate and very clear.  <b>6 Points</b>	<b>Very good</b> Content is correct and adequate, but more examples or details would have made it better. Proofreading needed.  <b>5 Points</b>	<b>Good</b> Content is brief or vague or contained incorrect information.  <b>4 Points</b>	<b>Needs more information</b> Needs more information to explain concept.  <b>3 Points</b>	<b>missing</b> Concept was missing from website.  <b>2 Points</b>
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## pH indicators

<b>Excellent</b> Content is very informative and well written. Info is accurate and very clear. Included 5 required indicators and then enough info on other indicators.  <b>6 Points</b>	<b>Very good</b> Content is correct and adequate, but more examples or details would have made it better. Included all 5 required indicators but not much on other indicators. Proofreading needed.  <b>5 Points</b>	<b>Good</b> Content is brief or vague or contained incorrect information.  <b>4 Points</b>	<b>Needs more information</b> Needs more information to explain concept.  <b>3 Points</b>	<b>missing</b> Concept was missing from website.  <b>2 Points</b>
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## pH calculations

<b>Excellent</b> Content is very informative and well written. Info is accurate and very clear.  <b>2 Points</b>	<b>Good</b> Show an example of how to use the pH formula.  <b>1 Points</b>	<b>missing</b> Concept was missing from website.  <b>0 Points</b>
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## pOH calculations

<b>Excellent</b> Content is very informative and well written. Info is accurate and very clear.  <b>2 Points</b>	<b>Good</b> Show an example of how to use the pOH formula.  <b>1 Points</b>	<b>missing</b> Concept was missing from website.  <b>0 Points</b>
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[H<sup>+</sup>] calculations

<b>Excellent</b> Content is very informative and well written. Info is accurate and very clear.  <b>2 Points</b>	<b>Good</b> Show an example of how to use the [H <sup>+</sup> ] formula.  <b>1 Points</b>	<b>missing</b> Concept was missing from website.  <b>0 Points</b>
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[OH<sup>-</sup>] calculations

**Excellent**

Content is very informative and well written. Info is accurate and very clear.

2 Points

**Good**

Show an example of how to use the [OH<sup>-</sup>] formula.

1 Points

**missing**

Concept was missing from website.

0 Points

## pH and pOH calculations

**Excellent**

Content is very informative and well written. Info is accurate and very clear.

2 Points

**Good**

Show an example of how to use the formula to convert between pH and pOH.

1 Points

**missing**

Concept was missing from website.

0 Points

## Strong/weak acids and bases

**Excellent**

Content is very informative and well written. Info is accurate and very clear.

6 Points

**Very good**

Content is correct and adequate, but show some examples of strong and weak acids/bases.

5 Points

**Good**

Content is brief or vague or contained incorrect information.

4 Points

**Needs more information**

Needs more information to explain concept.

3 Points

**missing**

Concept was missing from website.

2 Points

## Acid Reactions

**Excellent**

Content is very informative and well written. Info is accurate and very clear. Included all 4 types of Acid reactions.

6 Points

**Very good**

Content is correct and adequate, but more examples or details would have made it better. Proofreading needed. Missing 1 of the types of Acid reactions.

5 Points

**Good**

Content is brief or vague, contained incorrect information, or missing 2 of the types of Acid reactions.

4 Points

**Needs more information**

Needs more information to explain concept.

3 Points

**missing**

Concept was missing from website.

2 Points

## Titration

**Excellent**

Content is very informative and well written. Info is accurate and very clear.

6 Points

**Very good**

Content is correct and adequate, but more examples or details would have made it better. Proofreading needed.

5 Points

**Good**

Content is brief or vague or contained incorrect information.

4 Points

**Needs more information**

Needs more information to explain concept.

3 Points

**missing**

Concept was missing from website.

2 Points

## Formatting and Appearance

**Excellent**

All elements of the website are well organized, pleasing to the eye and easy to read. Good use of fonts, styles, sizes and use of color and other attributes (bold, italics, underline, alignments, etc.) Great use of pictures throughout the website.

**5 Points****Very Good**

Some elements of the website are well organized, pleasing to the eye and easy to read. However, some pages are a bit minimal. Good use of fonts, styles, sizes and use of color and other attributes (bold, italics, underline, alignments, etc.) Could use more pictures to convey your points throughout the pages.

**4 Points****Good**

Formatting is a bit inconsistent. Information is a bit crowded or could be organized better. Limited use of relevant pictures throughout the website.

**3 Points****Needs work**

Elements are generally unorganized. Many errors. Text size and color make it difficult to focus on the information. Pictures were scarce throughout the website.

**2 Points****Hyperlinks****Excellent**

Links for navigation are clearly labeled, consistently placed and take the reader where s/he expects to go.

**5 Points****Very Good**

Links for navigation take the reader where s/he expects to go, but some needed links seem to be missing. Also, some links don't work or are mislabeled.

**4 Points****Good**

Most links for navigation take the reader where s/he expects to go, but some needed links seem to be missing. Some pages are dead ends (don't include links at the bottom of page to guide reader) Also, some links don't work or are mislabeled.

**3 Points****Needs work**

Many links don't work or bring reader to the wrong places. Missing all links at the bottom of pages (dead end pages). Not enough links to guide reader through site.

**2 Points****Chemistry GIF****Excellent**

At least one Chemistry GIF was present in the website and was educational and successfully enhanced the teaching of an acid/base concept.

**5 Points****Good**

At least one Chemistry GIF was present in the website but did not enhance or teach an acid/base concept.

**4 Points****Needs work**

No Chemistry GIF was present on the website.

**3 Points****Good Flow****Excellent**

Links throughout the website allow the reader to easily move from a page to related pages. A reader does not become lost. Information flows well from page to page.

**5 Points****Very Good**

Information is a little choppy at times and does not flow as smoothly as it could.

**4 Points****Good**

Website doesn't exactly flow smoothly. Information is not connected between the different topics and feels fragmented. A reader sometimes gets lost.

**3 Points****Needs work**

Entire website is just a compilation of separate blocks of information and there is no flow from one topic to the next. A reader often feels lost.

**2 Points****Cited sources**

**Excellent**

All sources of information were properly cited.

**5 Points****Good**

Some sources were properly cited, but some were missing or not functional.

**4 Points****Needs work**

Some sources were properly cited, but most were not functional.

**3 Points****Missing**

No sources were cited.

**2 Points**

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**Quiz****Excellent**

Quiz was properly embedded in the website, included 10 Chemistry questions (5 of which were pH/pOH calculation), incorrect choices showed the correct solutions and all questions were correct.

**5 Points****Very good**

Quiz was missing a few of the required questions, did not show correct solutions, contained some answers that were not correct, or was not properly embedded on the website.

**4 Points****Good**

Quiz was missing more than a few of the required questions, did not show correct solutions, contained some answers that were not correct, or was not properly embedded on the website.

**3 Points****Needs work**

Quiz was missing a lot of required questions, did not show correct solutions, contained a lot of answers that were not correct, or was not properly embedded on the website.

**2 Points****missing**

Quiz containing chemistry questions was missing

**1 Points**