**Theoretical report from practicals**

**Buffers and solutions**

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| Date of practical : | Group: | Choose the element. |
| Click here. | Student 1: | Click here to enter the text. |
| Date of report: | Student 2: | Click here to enter the text. |
| Click here. | Student 3: | Click here to enter the text. |

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| **Question 1**  **What is the definition of true solutions and what are their properties? Give the examples.** |
| Click here to enter the text. |
| **Question 2**  **What is the definition of colloidal solutions and what are their properties? Give the examples.** |
| Click here to enter the text. |
| **Question 3**  **What is the definition of the buffers?** |
| Click here to enter the text. |

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| **Question 4**  **What is the mechanism of action of acetate buffer?** |
| Click here to enter the text. |

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| **Question 5**  **What affects the buffer pH?** |
| Click here to enter the text. |

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| **Question 6**  **How can we check pH of the buffer?** |
| Click here to enter the text. |

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| **Question 7**  **What kind of buffers are present in the living organisms?** |
| Click here to enter the text. |
| **Question 8**  **What is buffer capacity and what does it inform us about?** |
| Click here to enter the text. |

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| **Question 9**  **What affects the buffer capacity?** |
| Click here to enter the text. |

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| **Question 10**  **What is the practical application of buffers in veterinary practice?** |
| Click here to enter the text. |

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| **Questionare for practical „**Buffers and solutions”  **Help us to improve practicals on biochemistry and answer the following questions. Your answers are anonymous, used for our statistics and do not influence your evaluation.** |

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| 1. Theoretical introduction to practical is: | |
| ☐ | Difficult to follow |
| ☐ | Does not fit to practical |
| ☐ | I do not know |
| ☐ | Helps to understand the practical |
| ☐ | Deepens knowledge from lecture |
| 1. The description of practical and protocol are: | |
| ☐ | Difficult to follow |
| ☐ | Does not fit to practical |
| ☐ | I do not know |
| ☐ | Helps to understand the practical |
| ☐ | Deepens knowledge from lecture |
| 1. The selection of experiments is: | |
| ☐ | Difficult to follow |
| ☐ | Does not fit to practical |
| ☐ | I do not know |
| ☐ | Helps to understand the practical |
| ☐ | Deepens knowledge from lecture |
| 1. Do experiments have practical meaning? | |
| ☐ | Definitely not |
| ☐ | Probably not |
| ☐ | I do not know |
| ☐ | Probably yes |
| ☐ | Definitely yes |
| 1. Additional theoretical material to practical is: | |
| ☐ | Difficult to follow |
| ☐ | Does not fit to practical |
| ☐ | I do not know |
| ☐ | Helps to understand the practical |
| ☐ | Deepens knowledge from lecture |
| 1. Quality of chemicals and equipment are: | |
| ☐ | Not appropriate |
| ☐ | Does not fit to practical |
| ☐ | I do not know |
| ☐ | Partly appropriate |
| ☐ | Appropriate |

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| 1. Other important remarks: |
| Click here to enter the text. |