

CREDIT TEST STRUCTURE

Winter term 2023/2024

1st year, DENTISTRY

No.	Question	Type of task	Points obtainable
1 2	Nomenclature of inorganic compounds	Fill-in name/formula	2
3 4	Materials in dentistry	Open question or multiple choice	4
5	Comparison of osmolarities of two solutions	Multiple choice	1
6	Conjugated acid-base pairs - selection	Multiple choice	1
7	Properties of amino acids, structure of proteins	Open question or multiple choice	2
8	Ionic equations (function of buffers, precipitation reactions, hydrolysis of salts, reactions of salts with acids)	Equation/formula	2
9	Conversion between mass and molarity	Calculation	1
10	Making or diluting solution, or titration calculation	Calculation	2
11	Stoichiometric calculation	Calculation	3
12	pH of weak acid or base	Calculation	2
13	pH of buffer	Calculation	3
14	Organic structures (3 compounds)	Structures	3
15	Formation of dipeptide from amino acids	Structures	3
16 17	Equation of some basic reaction in organic chemistry (esterification, addition etc.) or dental material science	Equation/formula	4
18	Osmotic pressure or osmolarity	Calculation	2
	Total		35

The credit test is passed if at least 21 points (60%) are obtained.

December 6th, 2023

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