

## General information about the exam

Question	Question title	Marks	Question type
<b>i</b>	General information about the supervised written examination		Information or resources

**Learning objective: be able to describe the role of proteins as catalysts and perform enzyme kinetic analyses and calculations**

Question	Question title	Marks	Question type
1	Ke314G - enzyme kinetics 1	2.5	Multiple Response
2	Ke314G - Enzyme kinetics 2	2.5	Multiple Response
3	Ke314G - enzyme kinetics 3	2.5	Multiple Response
4	Ke314G - enzyme kinetics 4	2.5	Multiple Response

**Learning objectives: describe the metabolism of carbohydrates, proteins and fats, and its regulation and integration, and describe how the metabolism is affected by metabolic diseases and physical exercise**

Question	Question title	Marks	Question type
5	Ke314G - Exercise 1	2	Multiple Response
6	Ke314G - Exercise 2	2	Multiple Response
7	Ke314G - Exercise 3	2	Multiple Response
8	Ke314G - Exercise 4	2	Multiple Response
9	Ke314G - Phosphate pentose pathway 1	2	Multiple Response
10	Ke314G - Glycolysis 1	2	Multiple Response

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11	Ke314G - Glycolysis 2	2	Multiple Response
12	Ke314G - Glycogenolysis 1	2	Multiple Response
13	Ke314G - Glycogenesis 1	2	Multiple Response
14	Ke314G - Gluconeogenesis 1	2	Multiple Response
15	Ke314G - TCA 1	2	Multiple Response
16	Ke314G - TCA 2	2	Multiple Response
17	Ke314G - TCA 3	2	Multiple Response
18	Ke314G - ETC 1	2	Multiple Response
19	Ke314G - ETC 2	2	Multiple Response
20	Ke314G - ETC 3	2	Multiple Response
21	Ke314G - ketogenesis 1	2	Multiple Response
22	Ke314G - Lipolysis 1	2	Multiple Response
23	Ke314G - Fatty acid synthesis 1	2	Multiple Response
24	Ke314G - Beta oxidation 1	2	Multiple Response
25	Ke314G - Beta oxidation 2	2	Multiple Response
26	Ke314G - Nitrogen 1	2	Multiple Response
27	Ke314G - Nitrogen 2	2	Multiple Response
28	Ke314G - Nitrogen 3	2	Multiple Response
29	Ke314G - Nitrogen 4	2	Multiple Response

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