Department of Biology

**Examination paper for BI2024 Human Anatomy and Physiology**

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**Examination date: 01.06 2016**

**Examination time (from-to): 09.00 – 14.00**

**Permitted examination support material: Nothing**

**Other information:**

**Language: English**

**Number of pages (front page excluded): 14**

**Number of pages enclosed: 13**

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| **Informasjon om trykking av eksamensoppgave Originalen er:**  **1-sidig □ 2-sidig □**  **sort/hvit □ farger □** |

**Checked by:**

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Date Signature

**Exam BI2024 – Human anatomy and physiology – 01.06 2016.**

**English**

(Al 4 questions have the same count.)

Question 1 (25%)

This question is about the stress axis.

a) Make an outline of the pituitary and give names to the anatomical parts.

b) Make an outline of the adrenal gland and give names to the anatomical parts.

c) Describe the hormonal changes following exposure to stress.

Question 2. (25%)

This question is about lipid uptake and processing. Drawing can help.

a)Explain the processes of digestion, emulsification and uptake of lipids in the gastrointestinal tract. Where and how do these processes occur?

b) Describe the processing of lipids within the enterocytes.

c) After processing in the epithelium, how and where are the lipids transported?

Question 3. (25%)

This question is about ”multiple choice”. (Remember to add your candidate number)

Question 4. (25%)

This question is about anatomical figures - fill in the correct names in the open squares. (Remember to add your candidate number)