**1.** (a) Label the section of healthy liver tissue below.



[Photo by Paul Billiet. Reproduced with permission.]

I. ..................................................................................................................................

II. .................................................................................................................................

III. ................................................................................................................................

(3)

(b) Outline **two** roles of the liver.

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(2)

(c) List **two** materials that are not absorbed but are egested by the body.

1. ..................................................................................................................................

2. ..................................................................................................................................

(1)

(d) State an example of a protein hormone.

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(1)

(Total 7 marks)

**2.** (a) List **three** of the materials that are egested.

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(1)

(b) Describe the process of erythrocyte and hemoglobin breakdown in the liver.

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(4)

(Total 5 marks)