**Formative Assessment 2: The Thyroid /27 marks**

Name: ………………………………………………………………….. Time allowed: 30 min

1: What is the stimulus for Thyroxine production and where is it detected?

(2 marks)

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2: After the stimulus is detected, describe the sequence of events in the body that leads to secretion of Thyroxine.

(12 marks)

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3: One symptom of Hypothyroidism is cold intolerance. Explain why this is the case.

(6 marks)

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4: A patient is tested for thyroid disease, and is discovered to have TSH levels far lower than normal.

1. Does this patient have hyperthyroidism or hypothyroidism?

(1 mark)

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1. Explain why the TSH levels are so low.

(6 marks)

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