

90177



NEW ZEALAND QUALIFICATIONS AUTHORITY
MANA TOHU MĀTAURANGA O AOTEAROA

For Supervisor's use only

Level 1 Human Biology, 2008

90177 Describe maintenance of normal body functioning

Credits: Two

2.00 pm Wednesday 19 November 2008

Check that the National Student Number (NSN) on your admission slip is the same as the number at the top of this page.

You should answer ALL the questions in this booklet.

If you need more space for any answer, use the page(s) provided at the back of this booklet and clearly number the question.

Check that this booklet has pages 2–7 in the correct order and that none of these pages is blank.

YOU MUST HAND THIS BOOKLET TO THE SUPERVISOR AT THE END OF THE EXAMINATION.

<i>For Assessor's use only</i>	Achievement Criteria	
Achievement	Achievement with Merit	Achievement with Excellence
Describe maintenance of normal body functioning. <input type="checkbox"/>	Explain maintenance of normal body functioning. <input type="checkbox"/>	Discuss maintenance of normal body functioning. <input type="checkbox"/>
Overall Level of Performance		<input type="checkbox"/>

You are advised to spend 30 minutes answering the questions in this booklet.

QUESTION ONE

(a) Describe TWO different roles of the pituitary gland.

(1) _____

(2) _____

(b) Describe ONE effect on the body of each of the following hormones.

(i) thyroxine

(ii) ADH

(iii) insulin

(c) Explain the role of the hormone adrenalin in normal body functioning.

QUESTION TWOAssessor's
use only

(a) Describe TWO **immediate** effects of smoking on the functioning of the body.

(1) _____

(2) _____

(b) Explain TWO **long-term** effects smoking has on the functioning of the body.

(1) _____

(2) _____

QUESTION THREEAssessor's
use only

(a) Describe TWO **short-term** effects of drinking alcohol on the functioning of the body.

(1) _____

(2) _____

(b) Explain TWO **long-term** effects alcohol has on the functioning of the body.

(1) _____

(2) _____
