

90179



NEW ZEALAND QUALIFICATIONS AUTHORITY  
MANA TOHU MĀTAURANGA O AOTEAROA

*For Supervisor's use only*

## Level 1 Human Biology, 2009

### 90179 Describe functioning of the human reproductive system

Credits: Three

9.30 am Friday 27 November 2009

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 2–8 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>		<b>Achievement Criteria</b>	
<b>Achievement</b>		<b>Achievement with Merit</b>	<b>Achievement with Excellence</b>
Describe functioning of the human reproductive system.	<input type="checkbox"/>	Explain functioning of the human reproductive system.	<input type="checkbox"/>
		Discuss functioning of the human reproductive system.	<input type="checkbox"/>
<b>Overall Level of Performance</b>			<input type="checkbox"/>





**QUESTION TWO**Assessor's  
use only

Sperm are produced in the testes of males; fertilisation occurs in the female oviduct.

- (a) Describe the pathway sperm travel from the male testes to the female oviduct.

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- (b) Explain how secretions from the seminal vesicles and prostate gland help sperm survive on their journey to reach the egg.

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(b) Explain how and why stage two of labour occurs.

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(c) Explain why stage three of labour is needed.

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(d) Explain how oxytocin helps the birthing process from start to finish.

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