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90929



NEW ZEALAND QUALIFICATIONS AUTHORITY
MANA TOHU MĀTAURANGA O AOTEAROA

QUALIFY FOR THE FUTURE WORLD
KIA NOHO TAKATŪ KI TŌ ĀMUA AO!

SUPERVISOR'S USE ONLY

Level 1 Biology, 2018

90929 Demonstrate understanding of biological ideas relating to a mammal(s) as a consumer(s)

9.30 a.m. Tuesday 27 November 2018
Credits: Three

Achievement	Achievement with Merit	Achievement with Excellence
Demonstrate understanding of biological ideas relating to a mammal(s) as a consumer(s).	Demonstrate in-depth understanding of biological ideas relating to a mammal(s) as a consumer(s).	Demonstrate comprehensive understanding of biological ideas relating to a mammal(s) as a consumer(s).

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 attempt ALL the questions in this booklet.

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

Check that this booklet has pages 2–12 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.

TOTAL

ASSESSOR'S USE ONLY

**QUESTION ONE: ENZYMES AND DIGESTION IN HERBIVORES,
OMNIVORES, AND CARNIVORES**

Enzymes are involved in digestion of food in herbivores, omnivores, and carnivores. Use the resource material below to help you answer the questions.

Digestive systems*Herbivore*

[www.mnn.com/earth-matters/animals/stories/
20-things-you-didnt-know-about-cows](http://www.mnn.com/earth-matters/animals/stories/20-things-you-didnt-know-about-cows)

<http://slideplayer.com/>

Omnivore

[https://blogs.fco.gov.uk/leighturner/2017/05/15/an-encounter-
with-a-viennese-wild-boar-wildschwein/](https://blogs.fco.gov.uk/leighturner/2017/05/15/an-encounter-with-a-viennese-wild-boar-wildschwein/)

<http://slideplayer.com/slide/4687656/>

Carnivore

<http://globalpetfoodsnb.ca/2015/02/cat-obligate-carnivore/>

[www.123rf.com/photo_46796459_stock-vector-digestive-
system-of-the-cat-medical-veterinary-vector-illustration.html](http://www.123rf.com/photo_46796459_stock-vector-digestive-system-of-the-cat-medical-veterinary-vector-illustration.html)

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The examination continues on the following page.**

