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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, 2019

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

9.30 a.m. Monday 11 November 2019

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 2–8 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.

TOTAL

ASSESSOR'S USE ONLY

QUESTION ONE: TEETH AND DIGESTIONASSESSOR'S
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<https://study.com/academy/lesson/correlation-between-diet-the-evolutionary-adaptations-of-vertebrate-digestive-systems.html>

www.quora.com/What-is-the-dental-formula-for-a-5-year-old-child

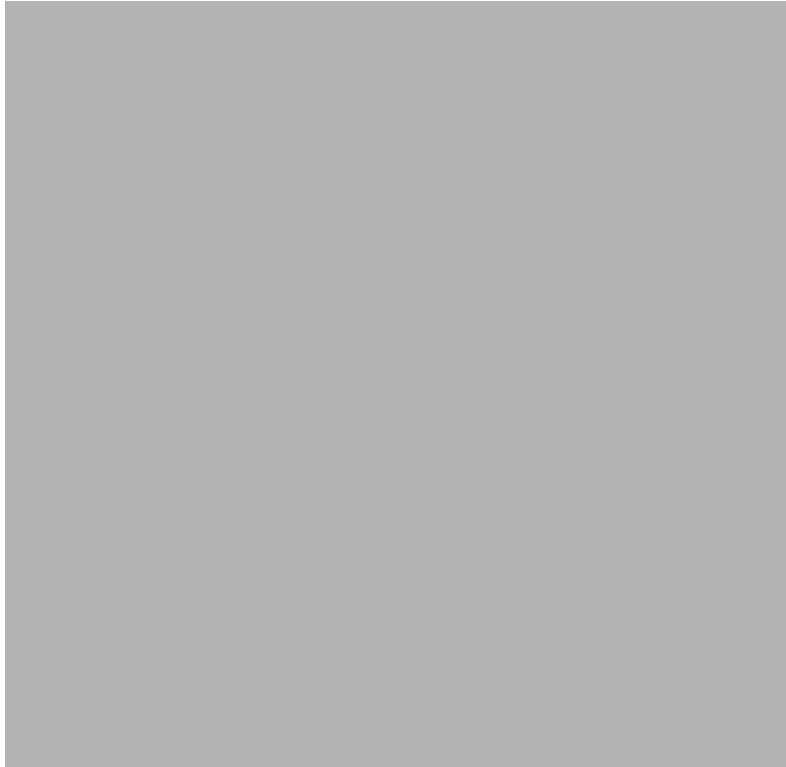
Compare and contrast the structure and function of teeth in mammals by:

- describing the structure and function of the different types of teeth in mammals
- explaining the importance of teeth in the overall process of digestion
- comparing and contrasting the structure and function of the teeth of carnivores, omnivores, and herbivores in relation to their role in food digestion.

QUESTION TWO: DIGESTION IN THE DIGESTIVE SYSTEM

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Digestion of food occurs in the digestive system. The digestive system is made up of a number of different parts.



The human digestive system.

www.topperlearning.com/doubts-solutions/draw-the-diagram-of-alimentary-canal-of-man-and-label-the-following-parts-mouth-oesophagus-stomach-intestine-where-do-carbohydrates-proteins-and-fats--k0hlwtg99

Discuss how FOUR parts of the digestive system work together to allow digestion to occur effectively, by:

- describing and explaining the function of the different parts of the digestive system
- explaining how the function of each part is important to the overall process of food digestion
- discussing how the parts of the digestive system work together to allow digestion to occur effectively.

QUESTION THREE: TRANSPORT OF THE PRODUCTS OF DIGESTION AROUND THE BODY

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The products of digestion need to be transported around the body to the places they are used.



Outline of some parts of
the human digestive system.

Outline of some parts of
the human circulation system.

<https://www.slideshare.net/sonitagon85/the-human-body-circulatory-system-respiratory-system-and-digestive-system>

Discuss how the parts of the circulation system work together to allow the products of digestion to be transported around the body, by:

- describing the function of parts of the circulation system involved in transporting the products of digestion around the body
- explaining how the different parts of the circulation system transport the products of digestion around the body
- discussing how parts of the circulation system work together so that it can effectively transport the products of digestion around the body.
