



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

# Level 3 Business Studies 2022

# 91381 Apply business knowledge to address a complex problem(s) in a given global business context

Credits: Four

# **RESOURCE BOOKLET**

Refer to this booklet to answer the questions for Business Studies 91381.

Check that this booklet has pages 2–4 in the correct order and that none of these pages is blank.

YOU MAY KEEP THIS BOOKLET AT THE END OF THE EXAMINATION.

#### **RESOURCE A: Housing in Samoa**

A fale can be a thatched roof with no walls, a tin roof with roll-down blinds, or a fully enclosed building – there are many types of fales in Samoa. Their roles in traditional village life range from meeting house to cooking house to, well, just a house! Hotels and resorts, too, have adopted the fale as an option for their guests to stay in.

In Samoa, many locals still reside in traditional fales, which visitors will see when they enter any small village.



Source: https://www.eco-business.com/news/samoas-architects-look-past-boost-climate-resilience/

## **RESOURCE B: Housing in Vanuatu**

modern-construction/

Two basic differences distinguish house construction in most of the world's modern towns

 a coconut tree.

 Source: https://www.nybg.org/blogs/science-talk/2018/09/traditional-shelters-cyclone-houses-and-the-temptations-of 

#### **RESOURCE C: Total Quality Management**



Source: https://www.smartsheet.com/total-quality-management.

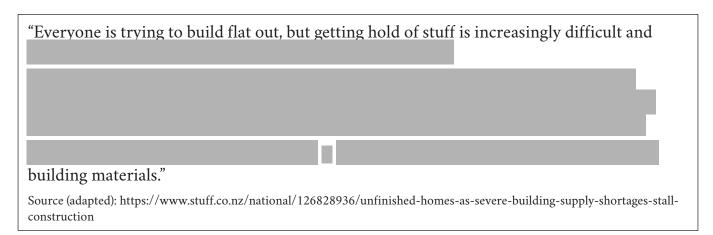
#### **RESOURCE D: Quality control defined**

Quality control consists of inspection, measurement, and testing to verify that the final

preventing problems being passed on to the internal or external customer.

Source: https://www.apm.org.uk/resources/what-is-project-management/what-is-quality-management-and-control/

#### **RESOURCE E:** Supply chain issue



#### **RESOURCE F:** Moving precast concrete panels

## **Precast concrete panels**

Precast panels are manufactured by casting concrete in a reusable form system which is then

precast panel is 1 to 10 tonnes.

Source (adapted): https://static1squarespace.com/static/6212bb92e69a8c51cdd67d91/t/622e94237608a939eafca 3a0/1647219795295/Lifting+Matters+Q1+2020.pdf

## **RESOURCE G:** Comparison of cranes

	Crane A	Crane B
Price	\$415,000	\$535,000
Payback period	3 years	4.5 years
Maximum load capacity	8 tonnes	15 tonnes
Maximum hook height	20 metres	24 metres
Estimated life expectancy	15 years	15 years