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90844



NEW ZEALAND QUALIFICATIONS AUTHORITY
MANA TOHU MĀTAURANGA O AOTEAROA

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

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Mātauranga Pakihi, Kaupae 2, 2018

90844 Te whakaatu māramatanga ki te āhua o tā tētahi pakihī nui urupare ki ngā tūāhuatanga ā-waho

9.30 i te ata o te Rātū, te 13 o Whiringa-ā-rangi, 2018
Ngā whiwhinga: E whā

Paetae	Kaiaka	Kairangi
Te whakaatu māramatanga ki te āhua o tā tētahi pakihī nui urupare ki ngā tūāhuatanga ā-waho.	Te whakaatu i te hōhonu o te māramatanga ki te āhua o tā tētahi pakihī nui urupare ki ngā tūāhuatanga ā-waho.	Te whakaatu i te matatau ki te āhua o tā tētahi pakihī nui urupare ki ngā tūāhuatanga ā-waho.

Tirohia mēnā e rite ana te Tau Ākongā ā-Motu (NSN) kei runga i tō puka whakauru ki te tau kei runga i tēnei whārangi.

Me whakamātau koe i ngā tūmahi KATOĀ kei roto i tēnei pukapuka.

Mēnā ka hiahia whārangi atu anō mō ō tuhinga, whakamahia ngā whārangi wātea kei muri o tēnei pukapuka.

Tirohia mēnā e tika ana te raupapatanga o ngā whārangi 2–19 kei roto i tēnei pukapuka, ka mutu, kāore tētahi o aua whārangi i te takoto kau.

HOATU TE PUKAPUKA NEI KI TE KAIWHAKAHAERE HEI TE MUTUNGA O TE WHAKAMĀTAUTAU.

TE TAPEKE

MĀ TE KAIMĀKA ANAKE

TE TŪMAHI

Whakamahia ngā pārongo horopaki kei raro nei, ngā pārongo āpiti kei ētahi atu pouaka, me tō mōhiotanga pakihi hei whakatutuki i tēnei tūmahi.

TE TIKANGA

Te Kaitiakitanga: te whakatinanatanga o te kaitiakitanga, otirā, e hāngai ana ki ngā rawa taiao pēnei i te whenua, i te moana, i ngā arawai hoki; ki te ao tipu me te ao kararehe hoki, tae atu rā ki te tangata, he wāhanga ōna nō te taiao māori. I tēnei mātāpono, me ngākaunui rawa te whakatoitūtanga me te tiakanga o te taiao. I te noho hei kaitiaki, e noho haepapa ana te hunga nā rātou te hinonga, ngā kaitiaki rānei o te hinonga, ki te tiaki (ki te whakatipu hoki, ki te whakatipu rānei) i ngā rawa mō ngā reanga o muri – kua noa iho mō te wā poto, mō te whai huamoni noa iho rānei.

TE WHAKARITENGA O TE KAMUPENE

Ko *Katipo Lemonade* tētahi kaiwhakaputa inu-mirumiru parakore e tū ana ki Kaitiāia, ki Te Taitokerau. He mea whakamana ia mō te tauhokohoko i runga i te tika, ka mutu, nō ngā kaituku pātata o Te Taitokerau ana kai whakauru katoa. Ko tētahi o ana uara matua i roto i tana tauākī whāinga e pēnei ana:

“Ko *Katipo Lemonade* tētahi tino kaitaunaki i te rokirokitanga o te taiao. E hiahia ana mātou ki te whai huarahi e koutuhia ai ngā wai māori o ō mātou roma o Te Taitokerau hei ngā tau tini e haere mai ana.”

HE PĀRONGO HOROPAKI

Kei te kāwanatanga te tikanga ki te whakature i tētahi tāke wai mā ngā kamupene whakakī pātara. Ka rere ngā moni whiwhi ka hua i tēnei tāke ki ngā kaunihara pātata, ā, ka whakamahia hei whakapai i ngā arawai o te motu. E whakatau tatangia ana ko tōna 9 rita o te wai ka pau hei hanga i te rita 1 o te inu mirumiru.

- (a) Āta whakamāramatia tētahi pānga kino tērā tonu ka pā atu ki a *Katipo Lemonade* i te whakaturenga o tētahi tāke wai.

TASK

Use the background information below, the supplementary information in the other boxes, and your business knowledge to complete this task.

DEFINITION

Kaitiakitanga: the exercise of guardianship, particularly in relation to natural resources, such as land, sea, and waterways; also flora and fauna, including people, that comprise elements of the natural environment. This principle requires that sustainability and environmental protection are valued. As kaitiaki or guardians, the owners or trustees of an enterprise are responsible for protecting (and/or growing) resources for future generations – not just for short-term or individual profit.

COMPANY PROFILE

Katipo Lemonade is an organic fizzy drink producer based in Kaitaia, Northland. It is Fairtrade-certified, and sources all of its ingredients from local Northland suppliers. One of the key values in its mission statement is:

“Katipo Lemonade is a strong advocate for preserving the environment. We want to be able to source the fresh waters of our Northland streams for many years to come.”

BACKGROUND INFORMATION

The government has the option to introduce a water tax for bottling companies. The revenue that this tax would create would go to local councils and be used to clean up the country's waterways. It is estimated that it takes approximately 9 litres of water to make 1 litre of fizzy drink.

- (a) Fully explain a likely negative impact on *Katipo Lemonade* of the introduction of a water tax.

Kua hau ngā rongō kino o te ahumahi inu mirumiru ki Aotearoa e pā ana ki te whakamahinga o te wai i te tukanga whakaputa i ā rātou inu. Koutuhia ai e *Katipo Lemonade* tana wai mō te whakaputanga o ana inu mirumiru i tētahi manawa whenua. Kua toko ake ngā āwangawanga i tētahi kaitiaki pātata e pā ana ki te whakamimititanga o te wai i te manawa whenua e te kaha o te whakamahinga e te pakihī. Nā konā, e tono ana te kaitiaki ki te kaunihera pātata kia uruhitia te Resource Management Act (RMA) e mau tonu ai te taumata o te wai.

(b) Matapakihia te pānga o te RMA ki a *Katipo Lemonade*.

I tō tuhinga:

- whakamāramatia te āhua o tā *Katipo Lemonade* āwhina i a ia anō ki te whakatinana i te kaitiakitanga mā te whai i te RMA
- āta whakamāramatia tētahi putanga KOTAHI tērā tonu ka ara ki a *Katipo Lemonade* mehemea kāore e taea e ia te whai te RMA ki Kaitiaki
- parahautia, ki ngā take e RUA, āe rānei, kāore rānei ko te whai i te RMA te painga rawa atu ki a *Katipo Lemonade*.

E iti ai tana whakamahi i te wai, kua whakataua a *Katipo Lemonade* me hoko hangarau hou pēnei i ngā pūine wai me ngā pūnaha mau turuturu. Kua tāuta hoki ia i ētahi whakakapinga waha-ngongo aunoa, arā, i ētahi mea rere-iti hei whakaiti i te moumoutanga o te wai i ngā wā waiwai i te roanga o te tukanga whakaputanga. He rite tonu tā te poari tumuaki kimi i ētahi atu huarahi e āwhina ai te hangarau i te whakapainga ake o ngā mahinga pakihi i tua atu i te whakataua take ā-taiao.

- (c) Mā te tuhi e pā ana ki tētahi pakihi nui (he nui ake i te 20 ōna kaimahi, ā, e whai take ana ki te hapori pātata, ki te hapori whānui rānei, he nui ake rānei i te 20 ōna kaimahi, e whai take ana rānei ki te hapori pātata, ki te hapori whānui rānei) kua rangahaua e koe, matapakihia te pānga kua pā atu ki tētahi pakihi nā te panonitanga o te hangarau.

Te ingoa o te pakihi nui:	
Ngā rawa rānei, ngā ratonga rānei, ngā mea e rua rānei kua tukuna:	

I tō tuhinga:

- whakamāramatia te panonitanga o te hangarau kua whāia e te pakihi kua rangahaua e koe
- āta whakamāramatia he painga KOTAHI me tētahi taumahatanga KOTAHI i tēnei panonitanga o te hangarau ki te pakihi.

In order to ensure that it minimises its water usage, *Katipo Lemonade* has decided to invest in new technology such as flow meters and leak detection systems. It has also installed automatic shutoff or low-flow nozzles to reduce water wastage at vital times throughout the production process. The board of directors is constantly looking for other ways in which technology could help improve business practices besides resolving environmental issues.

(c) With reference to a large business (with more than 20 employees, and/or having national or regional significance) you have studied, discuss the impact that a technology change has had on the business.

Name of large business:	
Goods and/or services provided:	

In your answer:

- explain the technology change that the business you have studied has made
- fully explain ONE advantage and ONE disadvantage of this technology change for the business.

Lined writing area consisting of 25 horizontal lines.

E tika ana ki te hapori kia whai ngā pakihi i te tikanga o te whakatoitūtanga. Ka aro te paeraro totoru ki te mahi ā-pāpori, ā-taiao, ā-pūtea hoki a te whakahaere i tana mahi whakatoitū. E mārama ana a *Katipo Lemonade* ki tana pānga ki te whakatoitūtanga o te taiao, engari e hiahia ana ia kia mahi whakatoitū ia i ngā wāhanga katoa o te paeraro totoru e whāia nei e ia.

(d) Matapakihia ngā mahi e RUA tērā pea e mahia ana rānei, ka mahia rānei e *Katipo Lemonade* e tutuki ai ngā whāinga a te hapori i ngā wāhanga katoa o te paeraro totoru e whāia ana e ia (atu i te wāhanga ki te taiao).

I tō tuhinga:

- whakamāramatia te hiranga o tā *Katipo Lemonade* mahi whakatoitū i ngā wāhanga katoa, kua ia i te wāhanga taiao anake
- āta whakamāramatia ngā mahi e RUA tērā pea kua whāia, ka whāia rānei e *Katipo Lemonade* e ū ake ai ia ki ngā haepapa ā-pāpori, ā-pūtea rānei, ki ngā mea e rua rānei
- parahautia, ki ngā take e RUA, te mahi ka paingia e te pae whakahaere.

Society expects businesses to behave in a sustainable manner. The triple bottom line considers the social, environmental, and financial performance of an organisation in acting sustainably. *Katipo Lemonade* is conscious of the impact that it has on environmental sustainability, but would also like to ensure that it is acting sustainably in all areas of its triple bottom line.

- (d) Discuss TWO possible actions *Katipo Lemonade* is taking or could take to ensure that it is meeting society's expectations in all aspects of the triple bottom line (apart from environmental).

In your answer:

- explain the importance of *Katipo Lemonade* behaving sustainably in all areas and not just environmentally
- fully explain TWO actions that *Katipo Lemonade* has taken or could take in order to be more socially and/or financially responsible
- justify, with TWO reasons, which action would be preferable for management.

English translation of the wording on the front cover

Level 2 Business Studies, 2018

90844 Demonstrate understanding of how a large business responds to external factors

9.30 a.m. Tuesday 13 November 2018
Credits: Four

90844

Achievement	Achievement with Merit	Achievement with Excellence
Demonstrate understanding of how a large business responds to external factors.	Demonstrate in-depth understanding of how a large business responds to external factors.	Demonstrate comprehensive understanding of how a large business responds to external factors.

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 parts of the task in this booklet.

If you need more room for any answer, use the extra space provided at the back of this booklet.

Check that this booklet has pages 2–19 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.