

**PENANG SANGAM HIGH SCHOOL  
P.O.BOX 44, RAKIRAKI  
LESSON NOTES**

**Worksheet 6**

**School: PENANG SANGAM HIGH SCHOOL**

**Year/Level: 11**

**Subject: GEOGRAPHY**

**WEEK 16**

<b>Strand</b>	Vegetation
<b>Sub Strand</b>	Vegetation – case study – New Zealand
<b>Content Learning Outcome</b>	Students should be able to differentiate between native vegetation and exotic vegetation.

**TOPIC: VEGETATION**

- ▶ **Native vegetation** - Native vegetation includes all the plant species that occur naturally in a particular habitat and provide essential habitat for native insects and animals.
- ▶ An exotic vegetation is **a plant that has been introduced to an area outside its native range**

**Short Answers**

**1. Differentiate between native vegetation and exotic vegetation?**

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**Factors affecting their distribution**

- ▶ **Climate**
  - ▶ Rainfall is an important factor in determining the vegetation. A plant needs water to survive so different quantities of water gives rise to different types of vegetation.
  - ▶ Consequently, vegetation varies as water availability changes with latitude.
  - ▶ The biggest forest trees such as Kauri and the most rapidly growing forests were located in the warm, moist and humid northern areas of the north island.
- ▶ **Relief**
  - ▶ Relief also influences vegetation, particularly through altitude. Air cools as it rises. So high areas have cold temperatures and generally thin soil. Consequently, these areas have sparse and short vegetation types.
  - ▶ Areas of low elevation have relatively warmer climates and are characterized by taller forest trees. In between, trees become progressively shorter as altitude increases. This process is known as altitudinal zonation.

## Short Answers

### 1. Identify and explain the factors affecting vegetation distribution?

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### Effects of People on Vegetation

#### ▶ Human Activities

- ▶ - Hydro –electric power
- ▶ - Tourism activities
- ▶ - Generated electric powers from lake
- ▶ - Extensive Pastoralism (sheep farming)
- ▶ - The pattern of indigenous vegetation is often modified by people and animals. People when they use different level of farming.

## Short Answers

### 1. What are the effects on people on vegetation?

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### Soil Fertility

-High fertility is particularly favorable for cropping and market gardening.

-High soil fertility can assist a farmer in overcoming disadvantages such as poor accessibility because higher yield of good quality produce will fetch better prices of the market, offsetting the extra freight charges.

- Low fertility was an important reason for the establishment of the ‘man-made’ forest in the central North Island.