



3055 BA SANGAM COLLEGE

PH: 6674003/9264117 E-mail: basangam@connect.com.fj



WORKSHEET 13

SCHOOL: BA SANGAM COLLEGE

YEAR: 11

Name: _____

SUBJECT: GEOGRAPHY

Strand	2. Human Geography
Sub Strand	2.1 Population and Settlement
Content Learning Outcome	2.1.1 Explain the nature and characteristics of population and the effect of changes to determine its socioeconomic significance and analyse population data and problems to find solutions.

LESSON NOTES

CLIMATE CHANGE AND POPULATION

Human influences of Climate Change

- Air pollution (the release of greenhouse gases in the atmosphere) has led to the destruction of the ozone layer, allowing more heat into our atmosphere which changes our climate. These greenhouse gases are caused by human activities such as burning, use of motor engines.

- Deforestation - forests also acts as a buffer for the coolness in the atmosphere. If the forest is removed then the atmospheric temperature would increase which causes climate change.

Major negative impacts

Rise in sea level contributes to coastal flooding; movement inland of the shoreline, submergence of small islands and eventually the relocation of islanders would ensue eg. The environmental refugees, who have bought islands in Fiji in Rabi.	Droughts in some areas causes destruction of vegetation/organisms, starvation to the human population in areas affected and a threat to food security.	Excessive rainfall -The high temperature would increase or intensify evaporation. This eventuates into flooding of settlements and farming areas which again destroys habitats, vegetation, organisms and threatens food security
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Simple Ways of minimizing its impacts

-Afforestation/ Reforestation and sustainable conservation of forests. Introduction of forests would mean the decrease of carbon levels in the atmosphere.

- Minimise the burning of fossil fuels

-Sustainable development - This infers development which protects and conserves the environment. Hence, there would be more consideration of the environment and less destruction of it.

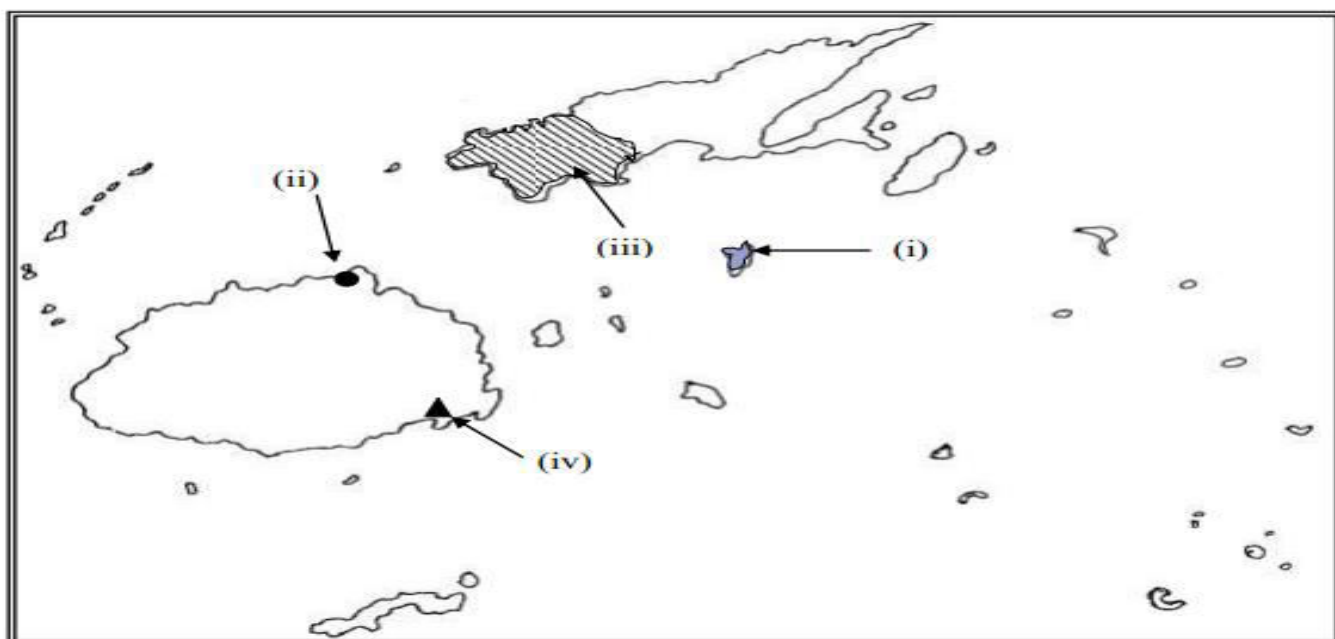
The effect of climate change on population distribution are:

- The movement inland of coastal inhabitants which also changes population density
- The migration of people due to changes in temperature.
- The movement of people to higher grounds due to flooding of low lying areas.
- The fleeing of people due to starvation and for food security.

ACTIVITY

1. Use the map of Fiji given below and your own knowledge to identify the regions/ features:

- (i) this island _____ (ii) this town that services the province of Ra _____
(iii) the province with fewer than 9 persons per square kilometer _____
(iv) a 'pull factor' in this area which contributes to rural-urban drift _____. **(4 marks)**



2. Discuss the following:

(4 marks)

- influences of humans on climate change

- impact of climate change on humans

3. Discuss the ways Fiji is trying to reduce the impacts of climate change.

(2 marks)

THE END