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WORKSHEET 7

SCHOOL: BA SANGAM COLLEGE

YEAR: 11

Name: _____

SUBJECT: GEOGRAPHY

Strand	Physical Geography
Sub Strand	Vegetation of Fiji
Content Learning Outcome	Investigate the existence of the types of vegetation, their distribution and challenges associated with it and discuss its importance and interrelationship with human beings and ecology.

LESSON NOTES

Fiji has several types of forests which include :

Tropical lowland forest	Mangrove Forests	Plantation / Exotic forests	Grassland	Aquatic vegetation
- evergreen broadleaf trees - found in the South eastern and central parts of Viti Levu and Taveuni and parts of Vanua Levu	- Covers the tidal flats around rivers, bays and estuaries - very important for fishery	-consist of introduced tree species	-common in the dry sides of the two larger islands – Western Viti Levu (Nadi, Sigatoka, Lautoka, Ba,etc.) and Northern Vanua Levu (Labasa and Seaqaqa)	-includes reed swamps, floating plants, and aquatic weeds. They are found in rivers and ponds around the country.

Economic Importance of Forest/Vegetation

- forest provide timber for housing, biomass ,wood, pulp for paper and medicine
- main forest lands are also used for mining, logging, grazing livestock and recreation
- saw logs are converted in to building materials, lumber, plywood and chip board.

Ecological importance of forest / vegetation

- They regulate the flow of water from mountains, highlands to crop lands.
- They reduce the amount of sediment washed in to streams, lakes and reservoirs by reducing erosion.
- Forest also influence climate, e.g. 50 to 80 percent of moisture in the air above is produced by tropical rainforests through the process of evapotranspiration.

Effects of climate change on vegetation - Climate has environmental consequences; it largely controls the nature and distribution of vegetation and this is the potential for commercial crops and livestock.

ACTIVITY

1. Define the following words:

(4 marks)

Complex vegetation _____

Desertification _____

Ecological succession _____

Optimum temperature- _____

2. Identify the features/regions marked (i) to (iv) that are described as follows:

(4 marks)

(i) the forest reserve on the Garden Island _____ (ii) the type of vegetation found here _____

(iii) the type of forest found here _____ (iv) this Fiji Pine Limited Station. _____



3. Suggest three conservation measures to encourage the sustainability of rainforests.

(3 marks)

4. Identify mitigation measures to reduce the impacts of climate change on vegetation.

(2 marks)

5. State two importances of mangrove forests.

(2 marks)

6. State three factors affecting vegetation. _____,

(3 marks)

7. Discuss the effects of climate change on vegetation.

(2 marks)