

Tobermory High School

Standard Grade Biology

World of Plants

Introducing Plants

1. Describe where and how tree seedlings are raised (2)
2. At what age tree seedlings planted out as a forest? (1)
3. How is fertiliser often applied to young forests? (1)
4. Give three uses made of timber. (3)
5. Give 4 examples of potential uses of plants that are being investigated. (4)
6. Name 4 of the problems involved in the developing plant products. (4)
7. Match the plants in column A with the correct product in column B.

Column A

rubber tree
grape vine
bamboo plant
cotton plant
palm tree
water reeds
tabacco plants

Column B

furniture
T-shirt
margarine
nicotine insecticide
thatched roof
wellington boots
champagne

8. The table below give the average monthly rainfall for Edinburgh and Manaus (in the centre of the Brazilian rain forest). (3)

Rainfall (mm)

	J	F	M	A	M	J	J	A	S	O	N	D
Edinburgh	55	44	33	35	62	50	75	80	63	52	68	53
Manaus	25	225	225	210	160	75	55	30	45	100	130	200

Tobermory High School

Temperature (°C)

	J	F	M	A	M	J	J	A	S	O	N	D
Edinburgh	3.0	3.5	4.6	7.2	9.1	12.0	13.8	13.5	12.6	9.5	5.4	3.8
Manaus	27.4	27.5	28.0	27.8	28.2	28.5	29.0	29.5	29.8	29.3	28.5	28

- (a) Using graph paper draw a line graph for (i) rainfall
(ii) temperature.

Draw the figures for the two areas on the same graph.

(8)

- (b) Describe how the temperatures of the two areas differ.

(1)

- (c) Describe how the rainfall of the two areas differ.

(1)

- (d) In which month, for each area, would you expect plants to grow best?

(2)

Total = 30