

2021 YEAR 13 AGRICULTURAL SCIENCE WORKSHEET 10

SHORT ANSWER QUESTIONS

INSTRUCTIONS

Please attempt these question at the back of your Agricultural Science Book.

FINANCIAL MANAGEMENT

CALCULATIONS

A farmer who owns five hectares of land, practices mixed cropping. The labour requirement is provided by the family. The fixed cost for the farm is \$2 500.00. The farmer's farm income and expenditure are given in the table below.

FARM INCOME AND EXPENDITURE

Type of crop/ha	Variable costs \$	Income/ha \$	Labour requirement ha/mhrs
Pumpkin	1 000	4 000	150
Eggplants	1 500	3 000	130
Cucumber	1 200	2 000	110
Maize	1 100	3 500	100
Kumala	1 400	2 000	200

Calculate the:

- i. gross margin of the farm
- ii. return to land
- iii. return to capital
- iv. return to labour
- v. net profit

(10 marks)