

ZIMSEC O level Combined Science Past Exam Paper 3 Set 2

Paper 3

1. An experiment was set up to investigate the effect of nutrient deficiency in the growth of maize. The set up was left for two weeks as shown below.



(a) (i) In a table form, record the likely observations on the plants in the 4 set ups A, B, C

and D. [4]

(ii) Which set up was the control? [1]

(iii) What is the conclusion? [1]

(b) Basing on the observations in (a) (i) above, state the functions of phosphorus and

nitrogen. [2]

(c) (i) Why were the test tubes covered within a dark cover? [1]

Nbuilding Science Past Exam Paper

Mark Steyvers



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web indexing in matlab is column wise for example a matrix $\begin{bmatrix} 2 & 9 & 4 & 3 & 5 & 11 \end{bmatrix}$ is stored in memory as the array $[2 \ 3 \ 9 \ 5 \ 4 \ 11]$ one can use a single index to access an element of the matrix e.g. $a(4,5)$ in matlab there are two matrix systems to represent a two dimensional grid the geometry consistent matrix and the coordinate consistent

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