

Development of computer assisted instruction material for agriculture subject in G.C.E.(A/L) curriculum

The computer assisted instruction (CAI) materials have been used to present subject matter to students, to receive his/ her response, to analyse the response, to provide feedback and to take appropriate action such as offering remedial information, cross-questioning, helping in analyzing problems etc. The objective of this work was to develop CAI material to suit the curriculum for agriculture subject in G.C.E. (A/L).

The computer based authoring software package known as AUTHORWARE PROFESSIONAL was used to publish the material. The subject details including graphics, audio/video and animations were arranged as pages in a structured procedure and assembled into a cohesive project. Then the resulting file was packaged with Windows 95/NT option to give an application which runs without the AUTHORWARE PROFESSIONAL software. The user is required to install this packaged file into a computer which operates in Windows 95 or NT environment. IN addition, the windows display set-up has adjusted and the required fonts have to be installed. In

using the application, the user is able to go through the material, listen to instructions or view graphics, video clips and animations. The interactive options give the user to respond to the questions presented in assessments and obtain results or further guidance. This initial attempt to produce CAI material to suit G.C.E. (A/L) agriculture students has shown that development of application software can be extended to other subject areas.