

## Question 1 part A

- Give the principal features of a balanced completely randomised design, and explain the role of replication in such a design.
- State the statistical model for this design, define the terms in the model and state the standard assumptions made about the error term.
- Briefly explain the principles of randomisation and replication, in the context of a completely randomised experimental design. Write down the model equation for a completely randomised design having equal numbers of replicates in all treatment groups, defining all the symbols that you use.

Answers