



BIE Homework Sheet – Year 10

Date Issued: Week commencing 08/09/2008

Date Due In: Week commencing 15/09/2008

Data Validation and Verification

Q1 Complete the following sentence by selecting a, b, c or d from the list below:

Data validation checks that:

- a) the data is entered in the correct place.
- b) the data is the same as the original data.
- c) the data is the correct type.
- d) the data is saved.

Q2 Write down the names of three types of data validation check.

Q3 Copy and complete the following sentence by selecting a, b, c or d from the list below:

Data verification ensures that the data entered into the computer is:

- a) the correct length.
- b) the correct type.
- c) secure.
- d) the same as the original data.

Q4 The data verification process of entering data twice is called:

- a) Presence check.
- b) Proof-reading
- c) Double-entry
- d) Data validation.

Q5

- a) Write down 1 advantage of data validation checks.
- b) Write down 2 disadvantages of data validation checks.
- c) Write down 2 disadvantages of data verification checks.

Q6 Use a full A4 page to draw a table with the following headings:

Name of check	Description	Validation	Verification
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In the 'name of check' column write the names of the following data checks:

All Homework must be handed in on the date requested. If you hand in homework late or it is of an unacceptable standard you will be given a Period 6.

Data type check
Proof-reading
Range check

Check digit
Double-check
Presence check

Then enter a description of how each check works in the 'Description' column. Finally place a tick in the 'Validation' or 'Verification' column to indicate if the check is a data validation or data verification check.

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