



## BIE Homework Sheet – Year 11

**Date Issued: Week commencing 27/10/2008**

**Date Due In: Week commencing 03/11/2008**

### Computers in Shops

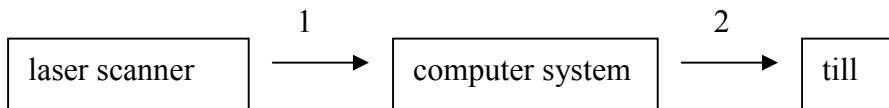
Q1 What do the initials EPOS stand for?

Q2 What do the initials EFTPOS stand for?

Q3 Bar codes usually end with a check digit.

- a) What is a check digit?
- b) Why are check digits used in bar codes?

Q4 The diagram below represents a supermarket EPOS system. The arrows connecting the components of the system represent the information that is transferred around the system.



- a) What information is passed along arrow 1 from the laser scanner to the supermarkets computer system?
- b) What information is passed along the arrow 2 from the computer to the till?
- c) What information would you expect to be stored in the supermarkets database? (Include three things)

Q5 Describe how EPOS systems control the level of stock in a supermarket.

Q6 How do shops try to reduce the risk of credit card fraud?