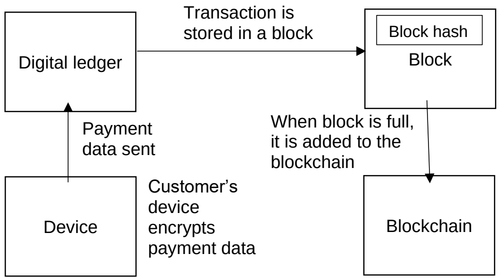
8	**One** mark for each correct part. The diagram shows: • Digital **ledger** is used • Device encrypting data • Device sending data to digital **ledger** • Payment being recorded on digital **ledger** • … including details such as digital signature/time/date stamp • Transaction is stored in a block … • … in multiples • Each block has block hash/unique identifier • When block is executed or full • … it is applied to every device that has the blockchain // Block is added to blockchain (on each device) For example: 

5	**One** mark for each term in correct place: • physically • blockchains • time-stamp • traced A digital currency does not exist **physically**, it can only be accessed electronically. Some digital currencies have digital ledgers called a **blockchains**. These are decentralised databases where each transaction is stored as a new set of data with a **time-stamp** and is linked to the previous set of data. This means that transactions cannot be altered, only new transactions added, which allows the location of the data to be **traced**.

12(a)	Any **two** from: – Only exists electronically – Can be a decentralised system – Can be a centralised system – Usually encrypted
12(b)	– Blockchain