# Components and types of system questions, exam practice. 10 marks

1. Desktops, tablets and smartphones are types of computer system. Give two examples of embedded computer systems. (2 marks)
2. Explain what cloud storage is and give one advantage and one disadvantage (3 marks)
3. Explain why it is important for the BIOS to be ROM Memory (2 marks)
4. Explain the purpose of the Control unit in the CPU (3 marks)

Answers:

1. Any sensible answer (1) eg: Cars computers (1). GPS (1), Tracker chips (1) Remote controls (1) Pacemakers (1).
2. **Definition**: Cloud storage is secondary storage used by clients accessing remote servers accessed over the internet (1).   
   **Advantages**: Remotely maintained, managed and backed-up (1)  
   Allows users to access data from any location via the internet (1)   
   Cost savings (1) and means less time is spend emailing files to others when links can be sent (1).   
   **Disadvantages:** No internet connection, means no access to data (1). Security concerns with potentially sensitive data sent over the internet (1). Limits on storage, potentially expensive monthly packages (1).
3. ROM (no marks for saying it stands for read only memory) Contains permanent instructions (1) The BIOS (no marks for saying it stands for Basic input output system) checks all systems and loads the operating system on the computer start up. As it is an integral part of the system it is important it is not changed by the user (1)
4. This ensures that instructions operating the computer are retrieved and interpreted in the correct sequence (1).   
   This means data & instructions are transferred from input or storage devices (1) and placed in temporary registers (1).