MODULE B MEMORY AND STORAGE · B6

Cloud storage

Original practice questions · 20 marks · ~25 minutes · OCR J277 spec 1.3.1

Name _____ Date _____

Instructions. Answer all questions in the spaces provided. The marks for each part are shown in brackets [ ]. The total for this worksheet is **20 marks**.

1

Total: 5 marks

(a) State what is meant by **the Cloud**. **[2]**

A firm of surveyors uses three services from the Cloud.

(b) Tick (✓) **one** box in each row to show which type of service is being provided remotely. **[3]**

Service	Storage	Software	Processing
Survey photos are saved on a provider's servers so all staff can open them			
Staff write reports in a word processor that runs in a web browser, with nothing installed on their laptops			
A large 3D model of a building is sent to powerful remote servers, which do the calculations and send back the result			

2

Total: 4 marks

(a) Tick (✓) **one** box in each row to show whether each statement about cloud storage is true or false. **[4]**

Statement	True	False
Files stored in the Cloud are kept on physical servers and storage devices		
Files stored in the Cloud can only be opened on the device that uploaded them		
Files stored in the Cloud can be reached with any internet connection, including mobile data		
When files are stored in the Cloud, the user does not control how they are kept secure		

3 **Total: 8 marks**

An architecture practice has offices in three cities. Its architects also visit building sites. At the moment, each office keeps its drawings on a hard disk drive in that office. The practice is thinking about storing all its drawings in the Cloud instead.

(a) Explain **two** advantages to the practice of storing its drawings in the Cloud. **[4]**

1

2

(b) Explain **two** disadvantages to the practice of storing its drawings in the Cloud. **[4]**

1

2

4 **Total: 3 marks**

A freelance video editor uses an editing program that runs in the Cloud. When a video is finished, the editor sends it to remote servers, which process it into the final file.

(a) Give **one** benefit to the editor of using software that runs in the Cloud, instead of software installed on their own computer. **[1]**

(b) Explain why the editor might use remote servers to process the video, instead of processing it on their own computer. **[2]**

Total for this worksheet: 20 marks