Level 3 IT Principles 3 (7266/7267-041)

e-Quals
Assignment guide for Candidates
Assignment A

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Level 3 IT Principles 3 (7266/7267-041)
Assignment A
Introduction – Information for Candidates

About this document
This assignment comprises part of the assessment for Level 3 IT Principles 3 (7266/7267-041).

Health and safety
You are responsible for maintaining the safety of others as well as your own. You are asked to work safely at all times.

You will **not** be allowed to continue with an assignment if you compromise any of the Health and Safety requirements.

Time allowance
The recommended time allowance for this assignment is **two and a half hours**.

Level 1 IT Principles 3 (7266/7267-041)
Candidate instructions

Time allowance: Two and a half hours

The assignment:

This assignment is made up of **two** tasks

- Task A - System Diagnosis
- Task B - Upgrade research

Scenario

You work in a video publishing house, current systems have proved to be slow and some recent work has taken too long to complete. You have been asked to obtain prices from three suppliers for a new system and the software specified below. This system is for running Creative Suite 3 Master Collection.

The company's current video capture equipment is suitable, so you only need to quote for the software/hardware. You can obtain quotes for the whole system that meet the minimum specification, but identify systems to your manager so they can make a decision about extra cost.

Ignore keyboard, mouse, case, speakers etc in the quote. Capture any images or other data you feel may be useful to aid your research and add any useful sites to your favourites. Provide the best price for:

- The Creative Suite 3 Master Collection
- The 1TB USB external drive

Your assessor will give you an e-mail address to send the results to.

Read all of the instructions carefully and complete the tasks in the order given.

Continued over…

Task A – System Diagnosis

1 From the system provided ascertain the following:

1. Hard drive size in Gigabytes
2. Total installed RAM
3. Processor speed
4. Graphics display adapter details

2 Send the details of your system to your assessor as an e-mail using suitable netiquette.

Give the e-mail the subject **Current Setup** (your assessor will provide you with the e-mail address to send it to).

Task B – Upgrade research

1 Create a folder in your work area or removable media with the name **Upgrade**.

2 Use the Internet, or other facilities available, to research and find **two** prices for **each** of the following components which are required to run **Creative Suite 3 Master Collection** (or later). Bookmark each of the sites used for your research.

- Motherboard for 3.4GHz Dual core processor or above with Raid capability for striped disk array storage (RAID 0)
- 3.4GHz Dual core processor or above
- Firewire port for HDV
- 2 x 7,200 RPM minimum 500Gb SCSI hard drives for HDV editing
- 1 Tb or above USB 2.0 external storage drive
- Microsoft® Windows® XP with Service Pack 2 (or later/other OS system suitable to software)
- 4Gb of DDR2 RAM for HDV
- 20in flat panel monitor capable of a screen resolution of 1,280 x 1,024
- Microsoft DirectX 9 capable graphics card with at least 64MB of VRAM; NVIDIA preferred
- DirectX 9 capable sound card (Creative X-Fi preferred) 32-bit video card
- DVD optical drive
- Blu-ray burner required for Blu-ray Disc creation
- Tape backup facilities in the 100 to 250Gb range
- Uninterrupted power supply (UPS) minimum 0.5Kva
- Creative Suite 3 Master Collection (or above)

Note: Any unlisted components required to build the new system are available within the company and do not require costing.

3 Export your bookmarks/favourites as **ITP3A Bookmarks** to your **Upgrade** folder.

Continued over…

4 Use a suitable application to itemise your quotations.

Identify the best option for each quote and give a total for the best possible price.

Save the quotation as **System Upgrade**.

5 In the quotation document **System Upgrade**, below the list of prices, create a new quotation using the prices found to select your preferred configuration, regardless of price.

Justify your choice of selected components.

Save the quotation with the same name.

6 Set the attributes for the files **ITP3A Bookmarks** and **System Upgrade** to that of **Read Only**. Compress the files, using a suitable application, into a single file named **New System Zip**.

Write an e-mail to your manager informing them of the best overall price and that you have found. Also attached a copy of your **favourites list** so they can verify your research.

Attach the **New System Zip** file to the e-mail and send it.

7 Exit all applications and shut down your computer.

When you have finished working:

- Sign each document above your name and label all removable storage media with your name.
- Hand all paperwork and removable storage media to your assessor.

If the assignment is taken over more than one period, all paperwork and removable media must be returned to the test supervisor at the end of each sitting.

End of assignment

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