**HL Unit 4** **– Resource Management**  
Quiz 1

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| **Question 1** | | | |
| Objectives: | 6.1.7 | Exam Reference: | May-14 9 |

Outline the role of paging in the management of primary memory. [2]

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| **Question 2** | | | |
| Objectives: | 6.1.7 | Exam Reference: | May-16 9 |

Explain **two** functions that an operating system needs to perform in relation to multitasking. [4]

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| **Question 3** | | | |
| Objectives: | 6.1.5 | Exam Reference: | Nov-14 5 |

State **one** function of the operating system in managing memory. [1]

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| **Question 4** | | | |
| Objectives: | 6.1.5 | Exam Reference: | Nov-14 5 |

Describe one way that the operating system of a networked workstation hides the complexity of the network from the user. [3]

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| **Question 5** | | | |
| Objectives: | 6.1.1 - 6.1.6 | Exam Reference: | May-14 14 |

The operating system in the latest mobile phones allows the user to open more than   
one application at the same time.

1. State **three** possible applications that might be open at the same time. [1]
2. Explain the role of the operating system in the management of these applications. [4]

The intended uses of a mobile phone influence its design with regard to system resources.

1. With reference to two specific resources, outline how the design of these resources  
   for a mobile phone would differ from those of a standard PC. [4]

A mobile phone manufacturer is considering adding a graphics card to one of   
 its models.

1. Discuss the possible consequences of going ahead with this modification. [6]