



National Council for Vocational Awards

Information Technology CITXX
(Clonmel Central Technical Institute)

Computer Architecture
and Systems
C20012

Tuesday 16th May 2000
14:00 – 16:00

*Answer ten questions in Section A (25%)
Answer three questions from Section B (75%)*

Time allowed: 2 hours

This written exam counts as 40% of the total module

Section A (25%)

Answer any ten questions. All questions carry equal marks. If you answer more than ten questions the best ten marks will be chosen.

1. Why is serial communication inherently slower than parallel communication?
2. How many kilobytes are in a gigabyte?
3. Apart from size, name one means of comparing the performance of hard disks.
4. List two brands of Irish manufactured personal computers.
5. List two types of re-writeable removable storage media.
6. List four common I/O devices.
7. List two functions of an operating system.
8. What do the letters USB stand for?
9. Convert 0101 1110 to decimal.
10. What device translates analogue telephone signals to digital computer signals?
11. Name two brands of network operating system (NOS) commonly available today.
12. List two benefits of e-mail over traditional mail.

