

# COMPSCI 111 / 111G

*Mastering Cyberspace:  
An introduction to practical computing*

## Test Revision

## Hardware / Software (25 marks)

How many bits are required to represent the decimal number XXX?

Compare KB with KiB, MB with MiB

Describe common hardware devices and explain what they do.

Identify components from their visual appearance.

Describe the different categories of software and explain what the differences are.

## Internet (55 marks)

Put the following events into chronological order.

Explain what a given protocol is used for.

Discuss something about the DNS.

Compare the following, what makes them different:  
Web page, wiki, forum, email, blog

Discuss issues of truth and accuracy with respect to:  
WWW, wiki, forum, email, blog. How are they used,  
who administers / maintains them?

## Internet continued

Describe (in detail) the process that occurs when a user views a web page.

Given a wiki page, use wiki markup to reproduce that page.

Given a web page, write the CSS / XHTML that produces that page.

## Applications (20 marks)

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### PowerPoint advice

- Good design
- Bad design

### Web site

- Good design
- Bad design

### Digital images

- Memory requirements (given size and colours)
- GIF / JPEG

### Word Processing / EndNote

- ASCII, standards
- User defined styles

## Study resources

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### Reading material

- References to web sites from lectures page
- Course book
- Lab material
- Overhead slides

### Learning outcomes

- Located on front page of web site

## Final Words

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# Good Luck!