# Quiz 10: Secure Shell

**Do not refer to any printed material.**
**No talking or discussion is allowed until the answer sheets are all collected.**

**Review:**

1. Only one of the following regular expressions matches a line that contains *exactly* five characters:

    **(A)** '.....'
    **(B)** '{5}'
    **(C)** '*****'
    **(D)** '?????'
    **(E)** '^.....$'

2. Which of the following regular expressions matches at least three letter 'a's *anywhere* on the line, i.e., even if there are any number of other characters between the 'a's?

    **(A)** 'a.*a.*a'
    **(B)** 'aaa'
    **(C)** 'a{3}'
    **(D)** 'a?a?a'
    **(E)** '^AAA$'

3. *awk* is:

    **(A)** a programming language useful for separating input data into columns and operating on them
    **(B)** short for **awk**ward, because the syntax is very different from Java, and is rather awkward to learn
    **(C)** short for "**a**pples, **w**atermellon and **k**umquat"
    **(D)** does not support regular expressions
    **(E)** another word for metacharacter

**Preparation:**

4. *Secure Shell* is:

    **(A)** what Nick uses to connect to his desktop machine to show the lectures and laboratory work
    **(B)** not useful for remote administration
    **(C)** always requires you to use a special hardware password device to authenticate yourself, rather like a pocket calculator
    **(D)** is just another name for `bash`
    **(E)** is not useful for port forwarding, or carrying other network traffic, and does not use encryption

5. If you cannot connect to a remote computer using secure shell (SSH), you should:

    **(A)** Call the police
    **(B)** Check whether the secure shell server is running on the remote computer, because an SSH client needs a server to connect to
    **(C)** Shut down your own computer immediately and check for security violations
    **(D)** Check whether your computer has AIDS (Acquired Immune Deficiency Syndrome)
    **(E)** Use the **S**uper **S**oftware **H**ickup remover to get your SSH working properly again.