



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.