Quiz 9: Shell Programming, Secure Shell

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

Review:

1. Which of the following software fully supports regular expressions:

   (A) Java

   (B) Microsoft Word

   (C) VB.NET

   (D) C#

   (E) All the above

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

   (A) '.....'

   (B) '{5}'

   (C) '*****'

   (D) '?????'

   (E) '^.....$'

3. 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$'

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. *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