

**Any marks not recognised by the  
Optical Mark Recognition (OMR)  
machine will get ZERO marks**

**Correct mistakes with an eraser,  
correction pen or white tape; it is not  
enough to put a cross through the  
circle**

**Errors in student number get ZERO  
marks**

# Operating Systems and Systems Integration Quick Quiz 3

Do not refer to any printed material.

No talking or discussion is allowed until the answer sheets are all collected.

## Review:

1. The file `/etc/fstab`:

- (A) determines which kernel to load at boot time
- (B) chooses filesystems the kernel will mount at boot time
- (C) determines whether the kernel supports the Ext3 filesystem type
- (D) determines the maximum number of open files
- (E) lists all filesystem types supported by the kernel

2. `$ ls -ld directory`

```
drwxr-xr--  3 lee students 48 Feb 11 09:10 directory
```

- (A) members of group `staff` cannot list files in `directory`
- (B) members of group `students` can change to `directory`
- (C) members of group `students` can delete files in `directory`
- (D) It is impossible for user `lee` to be a member of group `students`
- (E) both user `lee` and members of group `students` can delete files in `directory`.

3. the directory `/proc` contains information that is:

- (A) dynamic information about the OS and hardware
- (B) a type of relational database; SQL is always used to query it

(C) a list of network **procters**

(D) is unreadable except by the OS kernel

(E) contains entirely static data that is fixed when the computer boots

## Preparation:

4. A shell script:

- (A) cannot support normal programming using loops and function calls
- (B) is compiled into machine language before it is executed
- (C) is always optimised for performance, and executes faster than Java programs
- (D) is seldom used for system administration
- (E) can only be written by professional programmers

5. Select one statement that is most correct:

- (A) There is very little documentation for shell programming, but the O'Reilly books are good references
- (B) The `man` page for `bash` does not provide enough information about the language for a reference guide
- (C) There is a free online book about shell programming
- (D) Shell programs are always quite long.