

Student ID _____

CSE 5A

Name _____

Quiz 4

Signature _____

Fall 2003

cs5a _____

This quiz is to be taken **by yourself** with closed books, closed notes, no calculators.

1. Consider the following program. Identify the marked parts of the program with the corresponding letter from the list below.

- A) Global Variable
- B) External Static Variable
- C) Internal Static Variable
- D) Local Variable
- E) (Formal) Parameter
- F) Function Definition
- G) Function Prototype
- H) C Preprocessor Directive

```
#include <stdio.h> _____
#define SIZE 5 _____
int function2( int array[], int size ); _____ (entire line)
long fellow = 420; _____
static int cling; _____
void
main( void )
{ _____ (main(){...})
    int array[SIZE] = { 0, 3, 5, 2, 6 }; _____
    int result; _____
    /* Other code here */
}
int
function2( int array[], int size )
{ _____ (function2(){...}) _____ (array) _____ (size)
    int i = 0; _____
    static int result = 0; _____
    /* Other code here */
}
```

(continued on other side)

2. Consider the following structure definition and variable declarations.

```
struct Q4
{
    int a;
    int b;
    char c;
    long d;
    int e;
    double f[5];
};
```

```
struct Q4 var1, var2, var3;
```

Fill in the blanks to complete the following tasks:

```
/* Print the value of the struct member a in var2 */
```

```
printf( "%____\n", _____ );
```

```
/* Copy the value from the struct member e in var1 to the struct member b in var3 */
```

```
_____ = _____ ;
```

```
/* Assign the value 404 to the struct member a in var1 */
```

```
_____ = 404;
```