

## 1998 Paper 1 Question 3

### Programming in Java

Give a brief explanation of each of the following aspects of Java:

- (a) the difference between `>>` and `>>>`;
- (b) the possibility that in some program the test `(a == a)` might return the value `false` for some variable `a`;
- (c) the keywords `final` and `finally`;
- (d) the expression `"three" + 3` and other expressions of a generally similar nature;
- (e) the meaning of, or errors in (whichever case is relevant!)

```
...
int [10] a;
for (int i=1; i<=10; ++i)
    a[i] = 1-a[i];
...
```

[2 marks each]