

2004 Paper 7 Question 6

Specification and Verification I

Write short notes (approximately one paragraph) explaining the similarities and differences between each of the following:

- (a) Annotations and verification conditions. [5 marks]
- (b) Partial and total correctness. [5 marks]
- (c) Deep and shallow embedding. [5 marks]
- (d) First order and higher order logic. [5 marks]