

## 1998 Paper 8 Question 8

### Artificial Intelligence

Give short definitions of any *ten* of the following terms:

- (a) Circumscription
- (b) Situation Calculus
- (c) Closed World Assumption
- (d) Expert System
- (e) Automatic Discovery of Heuristics
- (f) Inter-Wave Search
- (g) Abduction
- (h) Unique Names Assumption
- (i) Microworld
- (j) Maximum Expected Utility
- (k) Intelligent Agent Architecture
- (l) Fuzzy Control
- (m) Constraint
- (n) Problem Space (or Search Space)
- (o) Non-Monotonic Reasoning

[2 marks each]