

1994 Paper 1 Question 4

Explain, in about 25 words each, *five* of the following terms:

- (a) barrel shifter;
- (b) depletion layer;
- (c) state assignment;
- (d) signal combination with diodes;
- (e) dynamic logic;
- (f) binary addition;
- (g) static hazard.

[4 marks each]