

2001 Paper 9 Question 3

Digital Communication II

Write notes about *four* of the following types of Access Network. You should discuss any special challenges posed by each transmission medium, describe the current technology, and comment on any commercial factors pertinent to its deployment.

- (a) Analogue telephone modems.
- (b) Cable modems.
- (c) Digital Subscriber Line (xDSL).
- (d) Fixed wireless.
- (e) Optical fibre to the home.
- (f) Satellite.

[5 marks each]