Digital Communication I

(a) Describe the concepts of *circuit switching* and *packet switching*. [5 marks]

(b) What are the fundamental advantages of each over the other? [5 marks]

(c) What is the role of buffering and buffering policy in each approach? [5 marks]

(d) There is an expectation that in the near future telephony will move from circuit switching to packet switching. Why is this so in light of the advantages of each approach? [5 marks]