Digital Communication I

(a) Define the terms circuit and packet in the context of communication systems. [5 marks]

(b) What sort of guarantee does circuit switching provide? [5 marks]

(c) What advantages does packet switching provide over circuit switching? [5 marks]

(d) Which of frequency division multiplexing, time division multiplexing and code division multiplexing lend themselves to circuit switching? Which to packet switching? Explain why or why not in each case. [5 marks]