UCL Department of Computer Science
CS M038/GZ06: Mobile and Cloud Computing
2010–2011, Term 2
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One-pager: SampleRate (Bicket, 2005)   **Due: Start of lecture, 2nd February 2011**

Instructions: ***in your own words,*** *answer the following questions as **succinctly** as possible (in 200–500 words total, but shorter answers within this range are encouraged). Quoting figures or text from the assigned reading or from any other source is specifically prohibited.*

In his MS thesis, Bicket identifies a phenomenon he calls "throughput inversion" (p. 42). Explain what throughput inversion is and why it happens.

He mentions that ARF gets stuck at 6 Mbit/s on links that exhibit throughput inversion. Referring to the specifics of the ARF algorithm, explain why this is.