

Write on each paper

- S-38.2188 Computer Networks, Examination Dec. 14th, 2007
  - your student identification number
  - your name
  - signature
- 

**NOTE! Avoid excessively long answers. Before answering try sketching the answer on another paper to avoid 'oh, I forgot this'-type additions.**

**Unless otherwise noted, the answers should be in the essay form.**

1. Explain briefly the following acronyms/concepts. For acronyms also tell what they are short for. (6p)
  - a) RSVP
  - b) RTP
  - c) ad-hoc network
  - d) BGP
  - e) data integrity
  - f) ASN.1
2. Explain Dijkstra's (LS) and Bellman-Ford (DV) algorithms for routing. What are the benefits and drawbacks of each? (6p)
3. TCP congestion control algorithms. (6p)
4. Name Service in the Internet. (6p)
5. Write an essay on the functional areas of network management. (6p)