

```
1 Review of homework #1 for protok11 by Rishie Sharma
2 Peter Boström <pbos@kth.se>
3 2011-09-08
4
5 Total score: 100 - 20p = 80p
6
7 1 a) OK
8    b) OK
9    c) OK
10   d) OK
11   e) OK
12   f) Correct AS number, organization is supposed to be SUNET/NORDUnet. Generous
13      grading => -1p.
14
15 2) There's no route to the next-hop addresses 12.128.64.1-4, so packets can not
16     be forwarded to the /20 networks. Also neither interfaces nor flags are
17     mentioned in the routing table (well, all are probably up, but the /20
18     networks should be under gateway entries).
19
20     The ABC, DEF, GHI, JKL offices have however been well-aggregated into /20
21     networks of M, N, O, P.
22
23     Q, R, S and T are networks, not hosts. The computers on Q, R, S, T are just
24     connected to those networks directly.
25
26     -15 p (I've talked to György who gave the following response, and I graded
27     it the highest suggested amount.)
28
29     Hi,
30
31     It is really up to you. Since the aggregation is correct, that should be
32     worth some points. The forwarding table seems to be messed up, however.
33     It could possibly be worth half the points or a bit less, but the
34     decision is yours.
35
36     Best,
37     György
38
39 3 a) OK
40   b) OK
41   c) No, this link is not up, so the packet is either sent to the default route
42      or simply dropped. -4p.
43   d) OK
44   e) OK
45
46 4 a) OK
47   b) OK
48   c) OK (note that the fragmentation info will take an additional 8 bytes, even
49      though it doesn't matter).
```