

Written Exam for the M.Sc. in Economics winter 2014-15

Telecommunications Economics

Final Exam

18.12.2014

(3-hour closed book exam)

Please note that the language used in your exam paper must correspond to the language of the title for which you registered during exam registration. I.e. if you registered for the English title of the course, you must write your exam paper in English. Likewise, if you registered for the Danish title of the course or if you registered for the English title which was followed by “eksamen på dansk” in brackets, you must write your exam paper in Danish.

This exam question consists of 2 pages in total

Answers are wanted for both questions.

A.

Present the elements in “Spectrum Management”. Describe the different methods that the regulator can use to allocate spectrum. Discuss the role of mobile wireless broadband access in the future development of telecommunication services.

B.

Describe the main ideas and the main content in the “Digital Agenda” from EU from 2010 and in the EU recommendation from 2013 about “Non-discrimination obligations and costing methodologies”. Explain the different considerations that have been made in EU and among regulators and operators regarding how via the sector specific regulation to give positive incentives for investments in NGA (Next Generation Access network).

NB. Relevant for both questions for the answers written in Danish: English terms for the different concepts are accepted.