

Social and Technological Networks Exam

University of Edinburgh
Spring 2018

Exam format

- Q1 compulsory
- Answer 1 of Q2 and Q3
- 25 marks each
 - See previous exams on university web site
- 50 marks of exam will be scaled up to 60 marks for 60% credit in the course

Material

- Everything covered in class
- Note that some material was new (compared to last year):
 - Metrics & network construction
 - Robustness
 - Edge prediction
- Expect questions on these
- About spectral graph theory
 - Only general knowledge of what it is, and where it is useful
 - Details, mathematical derivations not in exam
 - The purpose was for you to know this exists. Details out of scope

Marking

- You get marks for
- Showing understanding of the subject
- Creativity/original thinking
- Answers that cover all essential points without excess (see how many marks it has, and elaborate accordingly)
- Using precise statements

Things to avoid

- Long paragraphs of text
- Bad (unclear) handwriting
- Hard to find beginning and end of answers, cramped writing
- Lack of picture/example
- Unclear/ambiguous statements

Good answers

- Short
- Use Bullet points/lists
- Diagrams, examples
- Simple, unambiguous statements
- Make it easy to find a reason to give you marks.
- Read the question carefully. It is being asked to test a particular knowledge/understanding.
- Don't rush. Take time to understand the question