Cloud Computing

Examination

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Exam Paper

• **5 x 20 = 100**
  
  – There are 5 questions each worth 20 marks.
  
  – Students should answer **all** of them.
    
    • The exam paper is not prior-disclosed.
    
    • The use of *non-programmable electronic calculators* is permitted.
PG students will have one less bookwork question but one more programming question than UG students: that extra programming question is about graph algorithms.

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<thead>
<tr>
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<th>UG Exam Paper</th>
<th>PG Exam Paper</th>
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<tbody>
<tr>
<td>Factual Knowledge (Bookwork)</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>Algorithm Design (Programming)</td>
<td>2</td>
<td>3</td>
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Exam Paper

• Bookwork Questions
  – Each consists of 4 sub-questions (of 5 marks):
    \[ 4 \times 5 = 20 \]
  – You should be able to answer each question in a few sentences. If you give all the relevant factual points, you’ll get all the marks. Don’t overdo it.

• Programming Questions
  – The pseudo-code should follow the style of the DITP book.
Materials

• Lecture Slides
• Related Book Chapters
  – CAYS, CCSE
  – CCTP, WDM
  – DITP, MMDS
  – Apache-Intro
• Past Exam Papers
  – Some are out-of-date and thus out-of-scope now
  – Similar styles of questions this year
Materials

• What is new (compared to previous years)
  – The CCSE book
  – Spark: Low-Level APIs => Structured APIs