

*Ollscoil na hÉireann Gaillimh**National University of Ireland, Galway**Semester II Examinations 2003/2004***First Year B.A. (Economics and Social Studies) – St. Angela's College, Sligo****INFORMATION TECHNOLOGY**

Exam Code: CT120

Exam: Information Technology

Paper No: 1 - **THEORY PAPER**

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Internal Examiner: Prof. G. Lyons
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INSTRUCTIONS

Attempt ONLY three questions.
ALL questions carry equal marks.
Use answer books as provided.

Time allowed: **One Hour**

1. Name the three most common topologies used in a network situation and show the difference with the aid of simple diagrams.
2. Name the 4 different elements in this email address and list the advantages of using email.

joebloggs@stangelas.ie
3. What do you need to consider when dealing with the physical security of a computer.
4. Explain what is meant by each of the following and give at least 1 example of each:
 - i. ISP
 - ii. Operating System
 - iii. Application Software
 - iv. Relational Database
 - v. Peripheral device
5. Explain the difference between input and output devices? Give 2 examples of each with a brief description of their purpose and give 1 example of where a device might be classified under both headings.
6. Ergonomics is important in today's society especially in respect of the health and safety of individuals. What design factors would you consider to be important in a PC environment in relation to the individual?