1803 – Outline for Revision – 2020

Date: April 4, 2020

About the Exam:

- 120 questions
- 2.5hrs in duration
- Time: Thursday April 9th, 6pm
- On-line through the Nexus portal
- Closed book
- No electronic equipment required other than access to a computer
- Questions are randomised no student will get questions in the same order
- There will be some allowance in the timing of the exam for a late start
- The lecturer will be on-line during the exam to ask questions either via email (or Zoom TBD)

Tips for the exam:

- Questions are Multiple choice, only option (A, B, C, D or E) is correct
- Where a question is like "The _____ helps take digital images, you have to fill in the missing word from the options give.
- Note, pick the best answer that fulfills the question, READ the wording CARFEULLY!
- Some words can be misleading!
- Read your lecture notes the answers are in there, but also you should have read the book chapters

Revision Topics

Data Management Primary Keys, Compound, Foreign, Data modelling tools, read a table and extract data, Reports and Query, Ad-Hoc, Drill down, exception

Enterprise Information Systems

- ERP, Porter, value Chain, Supply chain, CRM, SCM, MRP

Office Automation

- Back end tools

Graphical Information Systems –

- Read all GIS Notes

Decision Support

- Components of, and their function, what does it is support, primary users, data driven vs model driven, knowledge types
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Expert Systems

- Components of, and their function, what does it is support, AI, how, roles,

Introduction the Computer

- CPU, language type, 1st-4th gen differences, operating systems, applications, options to development, compiler, assembler op codes (not actual examples e.g. STO, LDA etc. but what are they).

Telecommunications and the Internet

- Types or network, connection, Packet switching, devices and components, TC/IP, Web Server, protocols, markup language

eCommerce and eBusiness

- Types of ebusiness, brick and mortar, click and go, government, B2C etc.

Software and Systems Acquisition

- Advantages, Benefits, when not to, RFR/RFP, etc. steps in selection/development requirements, design JAD, build, test ops,

Security and Audit Controls

- Hacking, phishing, service attacks, the audit process, web trust, goals and objectives, types of threat worms virus etc. areas of risk, typical security controls e.g. physical access, what is Controls regulations like PIPEDA