



FACULTY OF INFORMATION TECHNOLOGY

CLOUD COMPUTING 600

1ST SEMESTER ASSIGNMENT

Name & Surname: _____ ICAS No: _____

Qualification: _____ Semester: _____ Module Name: _____

Date Submitted: _____

ASSESSMENT CRITERIA	MARK ALLOCATION	EXAMINER MARKS	MODERATOR MARKS
MARKS FOR CONTENT			
QUESTION ONE	60		
QUESTION TWO	30		
TOTAL MARKS	90		
MARKS FOR TECHNICAL ASPECTS			
TABLE OF CONTENTS	2		
LAYOUT AND SPELLING	5		
REFERENCE	3		
TOTAL MARKS	10		
TOTAL MARKS FOR ASSIGNMENT	100		
Examiner's Comments:			
Moderator's Comments:			

Should businesses move to the cloud?

<http://www.toknowpress.net/ISBN/978-961-6914-02-4/papers/ML13-332.pdf>

Organisations trying to meet the challenges of the modern world and its expectations permanently seek effective solutions for operating in a competitive environment. Information Technology tools and services are indispensable for efficient functioning of enterprises. Significant capabilities from adopting IT attracts both the customers and the providers of this solutions. However, to gain the competitive advantage in the market, participants have to invest in innovative approach to conducting business. The emergence of the conception commonly known as “Cloud computing” represents a fundamental change for IT implementation which rebuilds the way IT services are deployed, invented, deployed, scaled, updated, maintained and paid for.

QUESTION ONE

(60 MARKS)

- 1.1 What business benefits do cloud computing services provide? (15)
- 1.2 What are the risks or challenges that business face as a result of cloud computing services? (15)
- 1.3 How do the concepts of capacity planning and scalability apply? (15)
- 1.4 What kind of businesses are most likely to benefit from using Cloud computing? (15)

Provide justification for your answer.

QUESTION TWO

(30 MARKS)

- 2.1 Discuss the business strategies and business models of Google and Microsoft. (20)
- 2.2 Discuss security measures to put into place in order to mitigate various cloud security threats. (10)

TOTAL MARKS: 100