FACULTY OF MANAGEMENT

SPECIAL EXAMINATION

DEPARTMENT OF APPLIED INFORMATION SYSTEMS (AIS)

MODULE	:	IT GOVERNANCE
CODE	:	PGD002
DATE	:	JANUARY 2015
DURATION	:	3 HOURS
TIME	:	TBA
TOTAL MARKS	:	100

EXAMINER (S)	:	MR KWETE MWANA NYANDONGO
EXTERNAL MODERATOR (S)	:	MR BRYTON SIYANDA MASIYE
NUMBER OF PAGES	:	3 PAGES

INSTRUCTIONS TO CANDIDATES:

- Question paper must be handed in.
- This is a closed book assessment.
- Read the questions carefully and answer only what is asked.
- Number your answers clearly.
- Write neatly and legibly.
- Structure your answers by using appropriate headings and sub – headings.
- The general University of Johannesburg policies, procedures and rules pertaining to written assessments apply to this assessment.

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QUESTION 1

You have been newly employed in a company where, for years, IT was the sole domain of the IT department, which operated separately from other business units. This resulted in a complete divorce between IT goals and the broader business strategy of the company. This approach known as "traditional management practice" left a great chasm between the boardroom and the technical staff. It led to disappointing outcomes, as boards and executives could only be kept informed via occasional vague progress reports. They remained in the dark and could no longer provide leadership when it came to IT strategy and governance.

You feel like there is still a chance for improvement and would like to turn things around.

    A. Demonstrate to the Board of Directors why they should be interested in governing IT

(5)

    B. Write a short essay discussing the 5 IT governance domains that the Board should focus on to ensure that they have control over IT activities.

(15)

    C. Executives are impressed with your expertise and give you the go ahead to construct an IT governance framework. Identify the factors that you will have to consider and motivate each

(10)

[30]

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QUESTION 2

Through project collaboration, the Association of Insurance and Risk Managers, the Association of Local Authority Risk Managers, and the Institute of Risk Management promote a common risk management process. You decide to use the suggested process in your organization, Identify the different steps of the process and explain what you will do in each one of them with practical examples.

[20]

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QUESTION 3

You have been requested to assess and measure the performance of IT in your organization. You are aware that IT objectives achievement measurement can be optimized through a combination of various techniques and tools. Identify and explain possible tools that you can use:

[18]

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QUESTION 4

Assessing the entity's and IT department's mission, vision, value, strategy, and objectives alignment are critical to determining the ability of IT to assist in achieving the entity's objectives and goals.

A. Discuss in details the task of the IT auditor when assessing this control at the entity level

(6)

B. At a more detail level, examining audit area business objectives to ensure correspondence to the type of operations and technology deployed for processing as well as the relationship to organization business objectives are IT auditor focal points. Discuss what IT Auditor should consider when evaluating the IT strategic planning process

(6)
[12]

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QUESTION 5

Compare and contrast IT governance and IT management. Use diagrams to illustrate the differences.

[12]

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QUESTION 6

You are about to conduct an IT governance audit and review, you know from experience that one of the aspect that is usually overlooked is the general control environment. As you intend to address this in the first place compile a list of general control environment characteristics that you would look at.

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