UNIVERSITY
OF
JOHANNESBURG

FACULTY OF MANAGEMENT
FINAL EXAMINATION JUNE 2016

DEPARTMENT OF BUSINESS MANAGEMENT

MODULE	:	**IT GOVERNANCE**
CODE	:	**BMI9X03**
DATE	:	**2 JUNE 2016 FINAL EXAMINATION**
DURATION	:	**3 HOURS**
TIME	:	**08:30 – 11:30**
TOTAL MARKS	:	**99**

EXAMINER(S)	:	**PROF B VON SOLMS**
(EXTERNAL) MODERATOR:		**DR R PIDERIT**

NUMBER OF PAGES : **4 PAGES**

1. This examination is 'open book' and the student can bring along and use any material chosen.

2. Answer any 3 questions. All questions count 33 marks.

3. Marks will be assigned for the presentation, structure, readability etc of your answer. All your answers must be well structured, logical and easy to read and understand.

4. Presentation is very important, and in every question the structure, format, readability and related aspects will count 5 marks.

Question 1

You, as the new CIO of your company, get a memo from your CEO containing the following :

"In your interview you made the following statement :

'At the core of Information Technology Governance is the concept of Business Goal/IT Goal alignment.'

Unfortunately there was no time to properly explain your statement to the panel. This aspect of 'alignment' also surfaced at the last Board meeting and the Board requested a briefing on this concept.

I want this matter to be discussed at the next Board meeting.

Please send me a comprehensive memorandum on your views about this matter which I can include in the Board agenda. "

Write this memo and make a special effort to structure it logically and present you views in a way which is easy to understand for the Board members who are not IT experts. Provide an Executive Summary which summarizes the memo - many Board members have little time and will probably only read this Executive Summary – so ensure it provides an good overview of the full memo.

[33]

Question 2

You, as the CIO of your company, get a memo from your CEO containing the following :

"At the last Board meeting, the aspect of Cyber Security was on the agenda of the meeting because an item in the external auditor's report criticized the lack of Cyber Security accountability and responsibility on Board level.

Please provide me with a comprehensive memorandum on this matter indicating for eg

- Why the Board has this accountability and responsibility as the Board presently views this as a technical matter.
- Motivate your view in terms of international guidance on this matter
- If possible, give a specific example of where a Board was confronted with this aspect
- A detailed plan of how we can convey this message to the Board in our company

Please send me a comprehensive memorandum on your views about the items noted above which I can include in the Board agenda. "

Write this memo and make a special effort to structure it logically and present you views in a way which is easy to understand for the Board members who are not IT experts. Provide an Executive Summary which summarizes the memo - many Board members have little time and will probably only read this Executive Summary – so ensure it provides an good overview of the full memo.
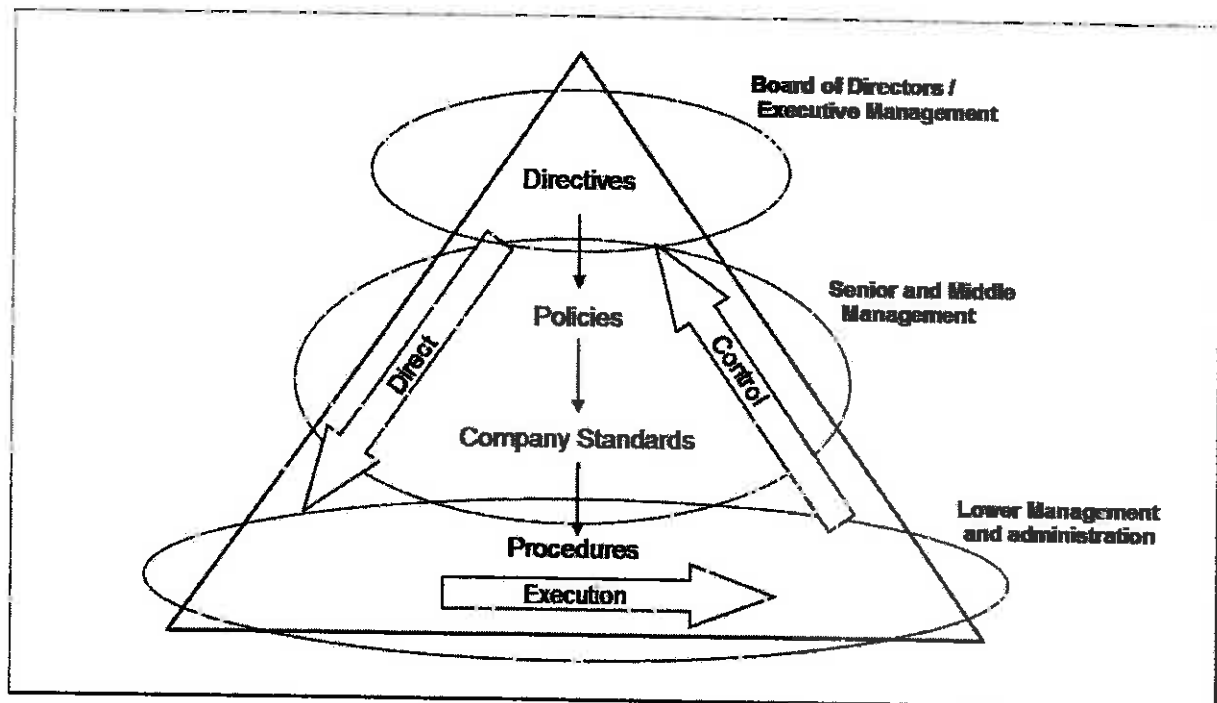
[33]

Question 3

The diagram below depicts the basic 'Direct-Control' cycle inherent in all forms of governance, including IT Governance.

  a. Briefly explain the diagram.
  b. Comprehensively discuss ways and means how the 'Control' part of this cycle can be implemented in the case of IT Governance.

(33)

[33]

Question 4

a. Create a diagram which illustrates the relationship between Corporate Governance, Information Technology Governance and Information Security Governance. Critically discuss and motivate your diagram.

b. For each of the components in your diagram, discuss one leading international best practice for that component.

(9 + 24) [33]