



FACULTY OF MANAGEMENT JUNE EXAMINATION

DEPARTMENT OF BUSINESS MANAGEMENT

<u>MODULE</u>	:	IT systems development and maturity models
<u>CODE</u>	:	BMI9X04
<u>DATE</u>	:	7 th June 2017
<u>DURATION</u>	:	3 HOURS
<u>TIME</u>	:	08:30 – 11:30
<u>TOTAL MARKS</u>	:	100

<u>EXAMINER</u>	:	Ralf Roeschlein
<u>EXTERNAL MODERATOR</u>	:	Prof Elmarie Kritzinger
<u>NUMBER OF PAGES</u>	:	2 PAGES

INSTRUCTIONS TO CANDIDATES:

- Question papers 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.

QUESTION 1 (10 Points)

What is the definition of a project and what of project management?

QUESTION 2 (14 Points)

Draw down and name the core elements of BPMN (Business Process Model and Notation) of the areas:

- Flow objects;
- Connecting objects;
- Artifacts;
- Participants;
- Data.

QUESTION 3 (10 Points)

3.1 What are factors of success in project management?

3.2 Why is project success related to organizational maturity?

QUESTION 4 (20 Points)

Name the 10 System Development Life-Cycle Phases and describe the activities briefly?

QUESTION 5 (12 Points)

Write down the twelve Agile principles

QUESTION 7 (6 Points)

What kind of project management controlling instruments do you know?

QUESTION 8 (15 Points)

Write down all levels of CMMI (Capability Maturity Model Integration) and describe the process characteristics and behaviors.

QUESTION 9 (3 Points)

Name the three modules of IPMA-Delta

QUESTION 10 (10 Points)

Why should a company align IT-Strategy with Business strategy and how?

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