



COLLEGE OF BUSINESS AND ECONOMICS
JOHANNESBURG BUSINESS SCHOOL
DEPARTMENT OF BUSINESS MANAGEMENT
SUPPLEMENTARY FINAL WRITTEN ASSESSMENT

SUBJECT: IT Systems Development and Maturity Models
CODE: BMI9X04
DATE: 25 July 2018
TIME ALLOWED: 180 Minutes
TOTAL MARKS: 100

EXAMINER(S): Ralf J. Roeschlein
MODERATOR: Giel Bekker
NUMBER OF PAGES: 3

INSTRUCTIONS:

- This is a closed-book assessment.
- Question papers must be handed in together with your answer books.
- Read the questions carefully and answer only what is asked.
- Answer all the questions:
 - Answer **section A** on the scanner sheet provided. Indicate the correct answer as per the instructions on the scanner sheet.
 - Answer **section B** in the answer book.
- Number your answers clearly.
- Write neatly and legibly on both sides of the paper in the answer book, starting on the first page.
- Structure your answers by using appropriate headings and subheadings. The general University of Johannesburg policies, procedures and rules pertaining to written assessments apply to this assessment.

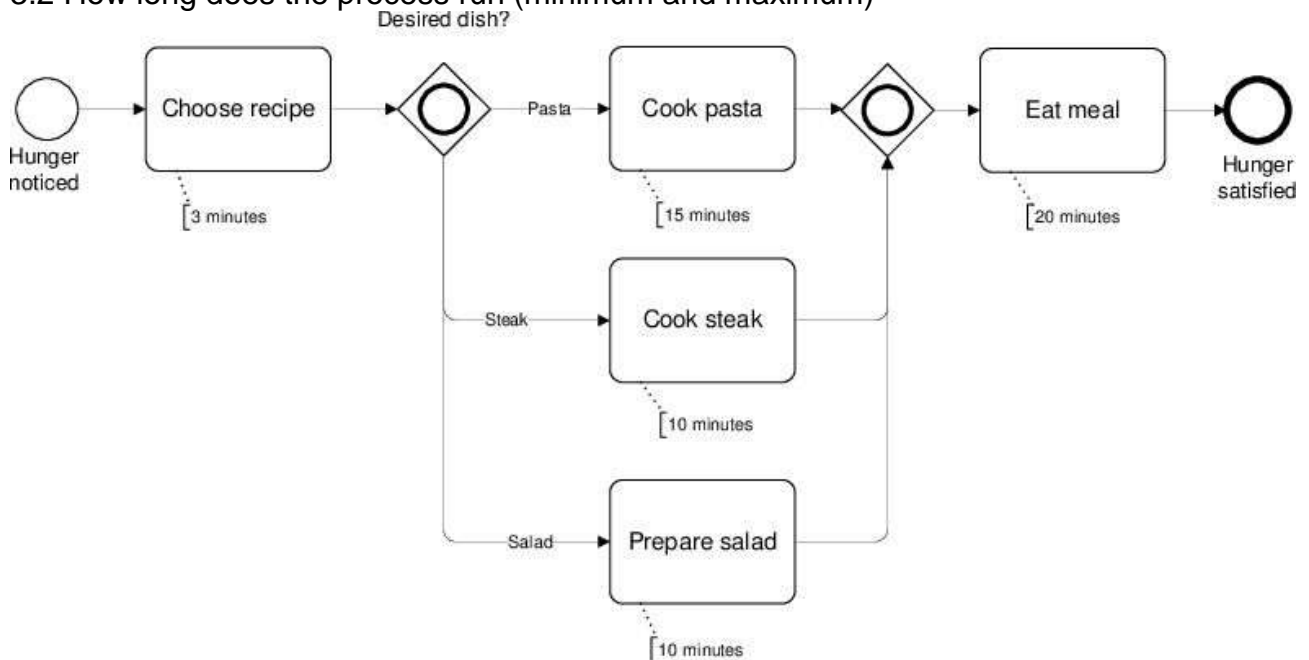
QUESTION 1**[10 MARKS]**

Write down the differences between a functional and a process organisation, According to Chang (Business Process Management Systems).

QUESTION 2**[10 MARKS]**

3.1 According to the figure 1 below, what can be ordered and why?

3.2 How long does the process run (minimum and maximum)

**QUESTION 3****[5 MARKS]**

What are Lanes are often used to assign in BPMN (Business Process Model and Notation)?

QUESTION 3**[14 MARKS]**

Write down the 7 habits of highly effective IT Governance and describe them briefly

QUESTION 5**[4 MARKS]**

Why is the waterfall life cycle is not effective?

QUESTION 6**[12 MARKS]**

What are the twelve principals of the Agile Manifesto?

QUESTION 7**[7 MARKS]**

What are the factors of success in project management?

QUESTION 8

[12 MARKS]

What are requirements for change management?

QUESTION 9

[8 MARKS]

What is CMMI (Capability Maturity Model Integration)? Provide a short description.

QUESTION 10

[10 MARKS]

What are the CMMI (Capability Maturity Model Integration) Staged Representation levels? Provide a short description as well.

QUESTION 11

[8 MARKS]

Write down the CMMI (Capability Maturity Model Integration) Terminology & Structure?

END OF ASSESSMENT