

UGANDA MARTYRS UNIVERSITY MASAKA CAMPUS

UNIVERSITY EXAMINATIONS

FACULTY OF SCIENCE

DEPARTMENT OF COMPUTER SCIENCE AND INFORMATION SYSTEMS

END OF SEMESTER FINAL ASSESSMENT

SEMESTER I, 2019/20

THIRD YEAR EXAMINATION FOR BACHELOR OF SCIENCE INFORMATION
TECHNOLOGY

INFORMATION SYSTEM PROJECT MANAGEMENT
CSC 3104



DATE: Thursday, 9th January 2020
TIME: 4:00PM – 7:00PM
DURATION: 3HRS

Instructions:

1. Carefully read through ALL the questions before attempting
 2. Section A is compulsory. Also, attempt any three questions from Section B.
 3. No **names** should be written anywhere on the examination book.
 4. Ensure that your **Registration Number** is indicated on all pages of the examination answer booklet.
 5. Ensure your work is **clear and readable**. Untidy work shall be penalized
 6. Any type of examination Malpractice will lead to automatic disqualification
 7. Do not write anything on the questions paper.
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SECTION A

Question One (40 marks)

Uganda Farmers Association (UFA) has been recording financial losses, inaccurate and delayed reports and accounts department employees' burn out due to overwhelming work at their disposal. The board of directors for the company has requested you to develop an Accounting System that would address their challenges. The work is to be accomplished in 6 months.

Answer the questions below:

- a) Use mind mapping to identify the major and minor activities basing on the project management process groups. 10 marks
- b) Using a table assign time to each of the project minor activities above. 10 marks
- c) Use Microsoft Project to develop a Gantt chart to for a) and b) above. 20 marks

SECTION B

Question One (20 marks)

- a) Discuss any five factors that lead to success of an information systems project. 5 marks
- b) Explain any five skills that a good project manager must exhibit. 5 marks
- c) What is organizational culture? Explain any four of its characteristics 6 marks
- d) Explain two ways in which top managers contribute to the success of IS project? 4 marks

Question Two (20 marks)

- a) Who are information system project stakeholders? Give any two examples. 4 marks
- b) Elaborate any four aspects to analyze about Stakeholders in an Information System Project. 8 marks
- c) Explain the three main objectives of integrated change control in an Information Systems Project. 6 marks
- d) What is the purpose of a change control board in managing information system projects? 2 marks

Question Three (20 marks)

- a) Differentiate between a deliverable and a milestone using suitable examples. 4 marks
- b) Explain any three types of dependencies in project time management. 6 marks
- c) Describe the SMART criteria of a Milestone. 5 marks

- d) Explain any two techniques used for shortening the project schedule. 5 marks

Question Four (20 marks)

- a) Describe the three project cost management processes 6 marks
- b) Discuss any two typical problems with Information Systems projects cost estimates. 4 marks

- c) For an IS project, the original time estimate is 2years, the planned value is 40m, the actual cost is 50m and the earned value is 5m. calculate the following: 2 marks each
- i. Cost variance
 - ii. Schedule variance
 - iii. Cost performance index
 - iv. Schedule performance index
 - v. Estimated time to complete

Question Five (20 marks)

- a) Describe any four approaches used to develop a WBS an IS project? 8 marks
- b) Write short notes on the following: _
- i. Project charter 3 marks
 - ii. Project management plan 3 marks
 - iii. Project scope statement 3 marks
 - iv. WBS 3 marks

END

UGANDA MARTYRS UNIVERSITY

UNIVERSITY EXAMINATIONS

FACULTY OF SCIENCE

DEPARTMENT OF MATHEMATICS

END OF SEMESTER FINAL ASSESSMENT

SEMESTER I 2019/20

FIRST YEAR EXAMINATIONS FOR BACHELOR OF SCIENCE INFORMATION
TECHNOLOGY

Elements of Mathematics

MTC 1103

DATE: 9th JAN / 2020

TIME: 4:00 PM - 7:00 PM

DURATION: 3 Hrs



Instructions

1. Carefully read through ALL the questions before attempting.
 2. ANSWER FOUR (4) Questions (All questions carry equal marks).
 3. No **names** should be written anywhere on the examination booklet.
 4. Ensure that your **Reg. number** is indicated on all pages of the examination booklet.
 5. Ensure that your work is **clear and readable**. Untidy work will be penalized.
 6. Any type of examination Malpractice will lead to automatic disqualification.
 7. Do not write anything on the question paper.
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