

UGANDA MARTYRS UNIVERSITY NKOZI

UNIVERSITY EXAMINATIONS

FACULTY OF SCIENCE

DEPARTMENT OF COMPUTER SCIENCE AND
INFORMATION SYSTEMS

SUPPLEMENTARY/SPECIAL EXAMINATIONS

Managing Information Technology Projects

CSC 3105

THIRD YEAR EXAMINATION FOR BSC IT

DATE: Thursday, 6th AUGUST 2015

TIME: 10: 00 AM- 1:00 PM

DURATION: 3HRS

Instructions:

- i. Read the questions carefully and attempt five questions. Any additional questions attempted will not be marked.
- ii. No **names** should be written anywhere on the examination booklet.
- iii. Ensure that your **Reg.number** is indicated on all pages of the examination answer booklet.
- iv. Ensure your work is **clear** and **readable**. Untidy work shall be penalized
- v. Any type of examination Malpractice will lead to automatic disqualification
- vi. Do not write anything on the question paper.
- vii. Do not open this booklet until told to do so.

1. (a) Outline the steps taken when planning for a systems project. (5 marks)
 (b) Describe the steps in the acquisition for a systems project. (15 marks)
2. (a) Explain two situational factors that can cause risks to a systems project. (4 marks)
 (b) Explain any four risks that can occur in a systems project. (8 marks)
 (c) Outline two actions you would take to mitigate each of the risks above. (8 marks)
3. (a) Mention the three installation strategies for a systems project. (3 marks)
 (b) Define the three construction strategies for a systems project. (6 marks)
 (c) Explain the description approaches for system projects. (11 marks)
4. (a) Mention three techniques used during decision points planning. (3 marks)
 (b) Define three major decision types that can be taken at a decision point. (6 marks)
 (c) State the meaning of each of the following used to describe decision points. (11 marks)
 - i. Target domain purpose
 - ii. Service domain purpose
 - iii. Contract domain purpose
 - iv. Roles involved
 - v. Deliverables
 - vi. Time schedules
 - vii. Cost
5. (a) Differentiate between an operational item and a descriptive item. (4 marks)
 (b) What is meant by the initial and final states of a project. (4 marks)
 (c) Explain six issues to include when documenting final state of a project. (12 marks)
6. (a) What is meant by decision points planning for a project? (2 marks)
 (b) Describe 2 inputs to – and 2 results of – decision points planning. (8 marks)
 (c) Explain 3 decision types you can take at a decision point for a project. (10 marks)
7. (a) Mention 3 categories of deliverables specified at the end of a project. (3 marks)
 (b) For each of the deliverable category above define the sub-types of deliverables. (6 marks)
 (c) Explain what is meant by each of the following views used in ISPL: (11 marks)

- i. Business information view
- ii. Business process view
- iii. Work practice view
- iv. Computer system data view
- v. Computer system function view
- vi. Computer system architecture view

END