



KENYATTA UNIVERSITY

UNIVERSITY EXAMINATION 2017/2018

DIGITAL SCHOOL OF VIRTUAL AND OPEN LEARNING

SECOND SEMENSTER EXAMINATION FOR THE DEGREE OF
BACHELOR OF LIBRARY AND INFORMATION SCIENCE AND
TECHNOLOGY

ISC 302: INFORMATION SYSTEMS DEVELOPMENT

DATE: Saturday, 23RD JUNE 2018

TIME: 8.00A.M-10.00A.M

INSTRUCTIONS:

Answer question one and any other two

1. a) Briefly explain each of the following concepts: (10)
 - (i) automatic identification and data capture
 - (ii) end users
 - (iii) system decomposition
 - (iv) white box testing
 - (v) rapid development
- b) Explain any **five competencies** of a systems analyst. (10 marks)
- c) Explain the relationship between transaction processing system and other information systems in institution (10 marks)

2. Prototyping is not a reliable method in the development of information system. Discuss (20 marks)
3. With or without users involvement, information system can still be developed. Discuss (20 marks)
4. Management competencies are key to effective information management. Discuss. (20 marks)
5. Using appropriate examples, explain any **six** technologies that could be used in the establishment of a global information system. (20 marks)