



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
BACHELOR OF RECORDS AND INFORMATION TECHNOLOGY**

ISC 101: INFORMATION COMMUNICATION TECHNOLOGY I

DATE: WENESDAY 20TH JUNE 2018

TIME: 11.00A.M.-1.00P.M

INSTRUCTIONS

Answer Question ONE and any other TWO questions

Question one

- a) Explain any five functional components of a motherboard (10 marks)
- b) Using appropriate illustration, explain the three main network topologies (12 marks)
- c) Identify four determinants of computer processing power (8 marks)

Question Two

- a) Explain the components of computer system software (12 marks)

- b) Identify four key hardware components of a computer system (8 marks)

Question Three

- a) Explain the contribution of the internet in the provision of an information service (10 marks)
- b) Identify five threats to computer based systems (10 marks)

Question Four

- a) Explain how computer processes program instruction (8 marks)
- b) Explain any four functional modules of library management_system (12 marks)

Question Five

- a) Explain five ways of managing user resistance to computer based systems (10 marks)
- b) Explain any five measures of digital information (10 marks)