



MACHAKOS UNIVERSITY

University Examinations for 2016/2017 Academic Year

SCHOOL OF BUSINESS AND ECONOMICS

DEPARTMENT OF BUSINESS ENTREPRENEURSHIP AND MANAGEMENT
SCIENCES

FIRST YEAR SECOND SEMESTER EXAMINATION FOR DIPLOMA IN BUSINESS
MANAGEMENT

BMS 030: INFORMATION COMMUNICATION TECHNOLOGY

DATE: 29/5/2017

TIME: 8:30 – 10:30 AM

INSTRUCTIONS

Answer Question One and Any Other Two Questions

SECTION A: COMPULSORY)

QUESTION ONE (30 MARKS)

- a) (i) Define the term information as used in ICT. (2 marks)
- (ii) Describe four categories of microcomputers. (8 marks)
- b) (i) Anita a computer technician would like to transfer a word document from her stand-alone computer to another computer. Outline two computer storage devices that she would use to achieve her objectives. (2 marks)
- (ii) Distinguish between mechanical and electronic data processing methods. (8 marks)
- c) (i) Outline two precautions taken to avoid eye strain when using a computer. (2 marks)
- (ii) Differentiate between second and third generation computer generations. (8 marks)

SECTION B: ANSWER ANY TWO QUESTIONS

QUESTION TWO (20 MARKS)

- a) (i) What is a computer virus? (2 marks)
- (ii) Describe various methodologies applied in virus protection. (8 marks)
- b) (i) Give any TWO symptoms of virus infection in a computer. (2 marks)
- (ii) Describe at least FOUR precautions in the computer laboratory. (8 marks)

QUESTION THREE (20 MARKS)

- a) Explain why computers have become indispensable to virtually all professions. (6 marks)
- b) Discuss advantages of computerized management information system as compared to manual. (10 marks)

QUESTION FOUR (20 MARKS)

- a) Give definition for the following terms used in spreadsheet application:
 - (i) Cell
 - (ii) Worksheet
 - (iii) Workbook
 - (iv) Range
 - (v) Formulae (10 marks)
- b) Using an illustration, distinguish clearly the difference between system software and application software. (10 marks)

QUESTION FIVE (20 MARKS)

- a) Distinguish a computer from a normal electronic calculator. (10 marks)
- b) Explain FIVE uses of internet technology and why it is taking world by storm. (10 marks)