



MUEO

MOI UNIVERSITY

OFFICE OF THE DVC ACADEMIC AFFAIRS, RESEARCH AND EXTENSION

UNIVERSITY EXAMINATIONS

2015/2016 ACADEMIC YEAR

FIRST YEAR END OF SEMESTER EXAMINATIONS

FOR THE DEGREE OF BACHELOR OF BUSINESS MANAGEMENT

EXAM CODE: BBM 111

EXAM TITLE: COMPUTER STUDIES

DATE: 10TH AUGUST, 2016 TIME: 9.00 A.M. – 12.00 NOON

INSTRUCTION TO CANDIDATES

➤ SEE INSIDE

INSTRUCTIONS: Answer Question One and Any other THREE Questions

QUESTION ONE [COMPULSORY 25 MARKS]

- a) Briefly discuss the generations of computers highlighting the key features of computers from each generation **[10 marks]**
- b) Define computer hardware and distinguish any TWO Input devices and TWO output devices based on the role each plays in data processing **[5 Marks]**
- c) Explain any six characteristics that have made computers so important in business today **[6 Marks]**
- d) Convert the following numbers to their binary equivalent.
i) 57_{10} ii) 49_{10} **[4 marks]**

QUESTION TWO [15 MARKS]

- a) Explain the concept of data communication and computer networks **[2marks]**
- b) Differentiate the ALU and Control Unit in terms of functions **[6 Marks]**
- c) Define computer operating system and explain its five key functions **[7 Marks]**

QUESTION THREE [15 MARKS]

- a) With relevant examples, differentiate between application software and system software **[6 Marks]**
- b) Outline any five main features of a good word Processor **[5 Marks]**
- c) Outline the negative impacts of computers to society. **[4 marks]**

QUESTION FOUR [15 MARKS]

- a) Explain any five key features that make MS Excel an excellent spreadsheets application **[10 Marks]**
- b) Compare touch screen with scanner **[5 Marks]**

QUESTION FIVE [15 MARKS]

- a) Explain the factors that you would consider when buying a computer **[5 Marks]**
- b) Explain any five forms of computer vulnerability and the professional measures to deal with each **[10 Marks]**

QUESTION SIX [15 MARKS]

- a) Explain the different classifications of computers. **[9 Marks]**
- b) Explain the programming language generations and state the trend **[6Marks]**