



# The Co-operative University of Kenya

## SUPPLEMENTARY / SPECIAL EXAMINATION AUGUST-2019

UNIT CODE: COCM 1114 / DAFS 1109

UNIT TITLE: COMPUTER APPLICATIONS

**DATE: 26<sup>TH</sup> AUGUST, 2019**

**TIME: 9:00 AM – 11:00 AM**

### **INSTRUCTIONS:**

- Answer question **ONE (compulsory)** and any other **TWO** questions

### **QUESTION ONE**

- (a) Your supermarket manager wishes to be connected to the internet. he has a powerful computer and a printer and an access to a telephone line. However he understands that he will need a modem

Required:

- State why a modem is required to connect him to the internet (2 marks)
  - Explain any Four application areas on which you would expect a supermarket retail manager to be connected to the internet (4 marks)
- (b) Differentiate between the following as used in computer systems
- Hard disk and floppy disk (4 marks)
  - Hardware and software (2 marks)
  - Star topology and ring topology (2 marks)
- (c) Explain any FOUR application areas of spreadsheet programs (4 marks)
- (d) Explain any FOUR functions of database systems (8 marks)
- (e) Applications programs have been employed by organizations to transform the way they conduct their business. Briefly describe any FOUR application of the word processing programs (4 marks)

### **QUESTION TWO**

- (a) You have been asked by a new procurement and logistics company to assist them in selecting a microcomputer for their use. Explain characteristics you would use to select the most suitable (10 marks)
- (b) Explain the use of the following (2 marks)
- Electronic spreadsheets
  - Accounting packages
- (c) Explain the FOUR functional components of a computer system (8 marks)

### **QUESTION THREE**

- (a) Explain the process of inserting a picture and setting it behind text as used in Ms Word. (3 marks)
- (b) Explain the following terms as used in Ms PowerPoint
- Font formatting (3 marks)
  - Slide design (2 marks)
  - Slide layout (2 marks)
- (c) The ICT sector is a major driver to the Kenya Vision 2030. Explain any FIVE areas that ICT has come in to the realization of Vision 2030 (10 marks)

### **QUESTION FOUR**

- (a) Explain the following giving examples

- i. Input devices (2 marks)
- ii. Output devices (2 marks)
- iii. Networks based on ownership (4 marks)
- (b) By use of a diagram, explain the data transmission system (6 marks)
- (c) Explain any SIX services if the internet (6 marks)