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University Examinations 2013/2014

STAGE I, EXAMINATION FOR DIPLOMA/CERTIFICATE IN PURCHASING & SUPPLIES

CPS 0103: COMPUTER APPLICATION

DATE: APRIL 2014

TIME: 1½ HOURS

INSTRUCTIONS: Answer questions *one* and any other *two* questions

QUESTION ONE - (30 MARKS)

- a) (i) Apart from classifying computers according to generations, identify four other ways of classifying computers. (4 marks)
- (ii) Computers have evolved through generations over the years. State and explain briefly the generations the computers have gone through. (5 marks)
- (iii) Identify five areas where computers are used in day to day activities. (5 marks)
- b) Define the following terms as used in computing:
- i. Data (2 marks)
 - ii. Information (2 marks)
 - iii. Program (2 marks)
- c) (i) Computers are becoming popular in Kenya. What are problems that computer owners experience with those computers? (4 marks)
- (ii) Identify and explain briefly three input and output devices. (6 marks)

QUESTION TWO – (20 MARKS)

- a) Using a well labeled diagram show the flow of data, instructions and information in a computer system. (6 marks)
- b) (i) Outline four ways in which Kenya government would use to ensure that most pupils are computer literate. (4 marks)

- (ii) Identify four factors that one would consider when acquiring a computer printer. (4 marks)
- c) (i) What is the main purpose of word processor? (2 marks)
- (ii) Explain briefly the meaning of text formatting. (2 marks)
- (iii) Give two examples of text formatting. (2 marks)

QUESTION THREE – (20 MARKS)

- a) Differentiate between:
- i. Hardware and software (2 marks)
 - ii. Hardcopy and softcopy (2 marks)
- b) (i) Outline how you can use a desktop computer to load a word processor. (4 marks)
- (ii) Give two examples of spreadsheet packages. (2 marks)
- c) Explain three applications of Spreadsheet. (6 marks)
- d) What is the meaning of the following:
- i. LSI (2 marks)
 - ii. VLSI (2 marks)

QUESTION FOUR – (20 MARKS)

- a) Computers are now widely used by government, Describe two ways in which computers can be used by the government. (4 marks)
- b) Define the following;
- i. Network (2 marks)
 - ii. Internet (2 marks)
- c) Explain three advantages and two disadvantages of networking. (8 marks)
- d) List four factors you should consider when comparing monitors. (4 marks)

QUESTION FIVE - (20 MARKS)

- a) (i) What is operating system? (4 marks)
- (ii) Identify four examples of operation system (4 marks)
- b) Outline four functions of an operating system. (8 marks)
- c) List four factors you should consider when comparing monitors. (4 marks)