This paper consists of 20 printed pages.

Candidates should check the question paper to ascertain that all
the pages are printed as indicated and that no questions are missing.

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Turn over

| | | Answer SIX questions from this section. | |
|----|-----|--|--------------------|
| 1. | (a) | List three types of back ups, | (3 marks) |
| | (b) | Explain the functions of the following as applied in operating systems:- | |
| | | (i) scan disk; | |
| | | (ii) defragmentor. | |
| | | | (4 marks) |
| | (c) | Describe the following types of files, citing an example in each case:- | - |
| | | (i) program files; | |
| | | (ii) text files; | |
| | | (iii) executable files. | (3 marks) |
| 2. | (a) | Explain the following terms as applied in the Computer Architecture:- | |
| | | (i) address bus; | |
| | | (ii) data bus; | |
| | | (iii) control bus. | (3 marks) |
| | (b) | Distinguish between the following parts of a computer system:- | |
| | | (i) light pen and keyboard; | |
| | | (ii) mouse and joystick. | |
| | | | (4 marks) |
| | (c) | A leading supermarket intends to link all its computers in different branches country. State three benefits the supermarket is likely to realize by taking the | |
| 3. | (a) | Internet is increasingly being used by children in many households. State th | ree |
| | | negative effects this may impart on the children. | (3 marks) |
| | (b) | Differentiate between Local Area Network (LAN) and Wide Area Network (| WAN). (4 marks) |
| | (c) | With the aid of a diagram, explain the stars topology. | (3 marks) |

1501/101, 1503/101 1601/101, 1602/101

to non-impact printers.

4.



(2 marks)

Explain two circumstances that would cause an organization to prefer impact printers

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- (c) Distinguish between encryption and fire walls as applied to computer software security and privacy. (4 marks)
- (d) Describe the term 'multiprogramming' as applied in computers. (2 marks)
- (a) Using suitable examples, explain the following:-
 - (i) spreadsheet;
 - (ii) on-line services;
 - (iii) software suite.

(6 marks)

- (b) George works as the documenter with Commercial Bank of Africa. He has been asked to prepare financial records for the last ten years.
 - Identify a suitable package he can use to perform the task.
 - (ii) List three advantages of using the package compared to manual systems.

(4 marks)

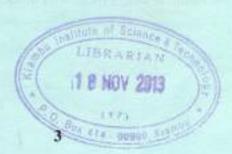
(a) Highlight three functional capabilities that are build into a word processor.

(3 marks)

(b) Explain the term 'Open Source Software', as applied in computer applications.

(2 marks)

- (c) Rose Daniel is a Senior Consultant at KIET Partners and Associates and has been appointed to assist in the development of presentation for a seminar on management of utility resources using computers.
 - (i) State the suitable software she is likely to use. (1 mark)
 - (ii) Articulate the process to be followed in the preparation to make the presentation a worthy undertaking. (4 marks)
- (a) Highlight four social problems resulting from computing technology in Kenya.
 (4 marks)
 - (b) Distinguish between the 2nd generation and 4th generation computers in the advancement of Information Technology. (4 marks)
 - (c) Outline two advantages of Satellite Technology Communication in the propagation of airwaves compared to Telegraphy. (2 marks)



SECTION B: ENTREPRENEURSHIP EDUCATION (40 marks)

Answer any FOUR questions from this section.

| 8. | (a) | Distinguish between the following terminologies:- | |
|-----|-----|--|-----------|
| | | (i) intrapreneurship; (ii) entrepreneurship. | (4 marks) |
| | (b) | Differentiate the meaning of the following terms:- | |
| | | (i) leadership; (ii) management. | |
| | | | (3 marks) |
| | (c) | List three characteristics of an entrepreneur. | (3 marks) |
| 9. | (a) | Describe two causes of business failure. | (4 marks) |
| | (b) | Explain three factors to be considered in locating a retail outlet. | (3 marks) |
| | (c) | Outline three obstacles that youth entrepreneurs should overcome in a bu | |
| | | environment. | (3 marks) |
| 10. | (a) | Outline the components of a business plan. | (4 marks) |

(b) Explain three roles of an entrepreneur according to the economic school of thought.

(3 marks)

(c) Discuss three stages of a business life cycle. (3 marks)

(a) Express three pathways of becoming an entrepreneur. (3 marks)

(b) Highlight three reasons that lead to business failure. (3 marks)

(c) Explain the major sources of equity financing. (4 marks)

12. (a) Outline three sources of Debt Financing. (3 marks)

(b) State three disadvantages of debt financing over credit financing. (3 marks)

(c) Outline two business ethics frequently abused.

(4 marks)

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