Name ………………………………………………Class: …………………..

840/1
COMPUTER STUDIES
Paper 1
2I/2 hours

JINJA COLLEGE
PRE UCE EXAMINATION

COMPUTER STUDIES.

Paper 1

Time: 2 : I/2 hours

INSTRUCTIONS

(Read all instructions in this paper carefully)

This paper consists of three sections **A, B** *and* **C.**

Section **A** *contains* **20** *compulsory objective-type questions. The correct alternative* **A, B, C** *or* **D** *against each question must be written in the box provided on the right hand side of each question.*

Section **B** *contains* **six** *structured questions. Attempt any* **four.**

Answers to section **B** *must be written in the space provided in the question paper.*

Section **C** *contains* **two** *essay questions. Attempt only* **one***. Answers to section* **C** *must be written in the answer booklets provided.*

For Examiner's Use only

MCQ	SectionA	Q 21	Q 22	Q 23	Q 24	Q 25	Q 26	Q27	Q28	Total

1. All these are data storage devices except:
    A. Floppy diskette.
    B. Hard drive.
    C. Control unit.
    D. Zip drive.

2. Which one of these is odd?
    A. Microsoft word
    B. Microsoft Access
    C. Epi Info
    D. UNIX

3 A…………..is a primary database structure.
    A. table
    B. report
    C. form
    D. query

4 The operating system is not directly involved in one of these tasks.
    A. File management
    B. Formatting a diskette
    C. Scheduling of print jobs
    D. Displaying a web pag

5 A computer with a …….. specification will load programs faster.
    A. 900 MHz
    B. 1 GHz
    C. 700 MHz
    D. 600 MHz

6 This component of the Central Processing Unit (CPU) caries out all the logic and mathematical operations.
    A. ALU
    B. System clock
    C. Register
    D. Control unit

7. Which of the following set of devices does not belong to same group?
    A. Mouse, keyboard, joystick.
    B. Plotter, Printer, Scanner
    C. Diskettes, Hard disks, Zip drives
    D. ALU, Control unit, Primary Storage

8. ………….. is a group of commands available to the CPU which determines the basic computer operations that can be performed.
    A. Instruction set
    B. Operating system
    C. Rom Bios
    D. Hard disk

9. Which of the following is not a computer peripheral?
    A. Monitor
    B. Printer
    C. CPU
    D. Keyboard

10. A ……………... is not an example of an output device.
    A. Pinter
    B. Plotter
    C. monitor
    D. keyboard

11. Which of the following is not a programming tool?
    A. Debugger
    B. An interpreter
    C. Notepad
    D. A compiler

12. Okello intends to draw up an inventory. Which of the following is the most suitable software to use?
    A. Ms-Word
    B. C++
    C. Ms -Excel
    D. Pascal.

13. A ………………… makes it easy to find your way round the internet.
    A. Network browser
    B. Microsoft word
    C. compiler
    D. digital camera

14 Slides as an output are displayed using ………….. software.
    A. A word processing
    B. An internet explorer
    C. A spreadsheets
    D. A presentstion

15 Which of the following is not a storage device?
   A. Disk drive A
   B. Disk drive B
   C. Motherboard
   D. CD-ROM

16. The process of starting a computer is referred to as
   A. surfing
   B. booting
   C. blocking
   D. clicking

17. The output displayed on the screen is termed as
   A. Photocopy.
   B. Soft-copy.
   C. Master-copy.
   D. Hard-copy.

18. One of these is a pointing device used to manipulate on screen objects.
   A. CD-ROM
   B. Digital camera
   C. scanner
   D. mouse

19. Which of the following device can be used to convert images or text on documents into electronic format that a computer can display, store and print?
   paper Track ball
   A. scanner
   B. monitor
   C. CD-Rom drive
   D. All of them

20. The option on the menu bar which enables one to name a document and store it on a storage device using another name is
   A. save
   B. save as
   C. edit
   D. new

SECTION B (60 MARKS)

Answer any **four** *questions. All the working* **must** *be bone in the space provided.*

21. (a) (i) Define the term **Computer Virus**.

(02 marks)

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…………………………………………………………………………………………

(ii) Identify any three possible symptoms of computer viruses.

(03 marks)

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(b) State two ways in which one can guard a computer system against viruses.

(02 marks)

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(c) (i) What do you understand by the term screen saver as applied to computers?

(02 marks)

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…………………………………………………………………………………………

(ii) State two applications of a screen sever programme.

(02 marks)

…………………………………………………………………………………………

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(iii) State two precautions that should be taken when cleaning a screen display area.

(02 marks)

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(d) State any two steps that must be followed to safely shut down a computer from the Microsoft Word file.

(02 marks)

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22. (a) Define the following terms:

(i) Warm booting

(01 mark)

……………………………………………………………………………………………

……………………………………………………………………………………………

(ii) Monitor

(01 mark)

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……………………………………………………………………………………………

(iii) Folder

(01 mark)

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……………………………………………………………………………………………

(iv)   Artificial intelligence

(01 mark)

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(b)   (i)   List any two ways of starting an application in Windows.

(02 marks)

…………………………………………………………………………………………

……………………………………………………………………………………

(ii)   What is the windows utility used to view contents of a floppy disk, hard and network drives?

(01 mark)

…………………………………………………………………………………………

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(iii)   What must be done to floppy disks before they are used?

(01 mark)

…………………………………………………………………………………………

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(iv)   What do we call the basic applications that are built into windows that allow us to perform tasks like drawing or text editing?

(01 mark)

…………………………………………………………………………………………

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(c)   (i)   CD-ROM stands for.

(01 mark)

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(ii)   State two ways in which a CD-ROM can be useful in education.

(02 marks)

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(iii)   State three precautions for correct handling of diskettes.

(03 marks)

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23.   (a)   Write the following abbreviations in full.

(04 marks)

FTP. ……………………………………………………………………

CPU. ……………………………………………………………………

IP. ………………………………………………………………………

I.C. ………………………………………………………………………

(b)   Define the following terms:

Hard copy.

(01 mark)

    …………………………………………………………………………

Soft copy.

(01 mark)

……………………………………………………………………………

Bug.

(01 mark)

……………………………………………………………………………..

(c)   Explain the meaning of the following:

(i)   HTTP.

(02 marks)

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(ii)   HTML.

(02 marks)

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(d)   Fill in the gaps in the table below.

(04 marks)

Task	Type of software that can be used.
(i) ………………………….	Adobe Photoshop, Paintbrush, MS-Word.
(ii) Present a lecture	……………………………………
(iii) ………………………..	MS-Excel
(iv) Reading information on the Internet	…………………………………..

24.   (a)   Why is the binary number system used for computer?

(02 marks)

……………………………………………………………………………………………
………………………………………………………………………………………….

(b)   Convert the

(i)   binary number 10101010 to its decimal equivalent.

(02 marks)

(ii)   decimal number 121 to its binary equivalent.

(02 marks)

(c) (i)   Explain the meaning of the term control unit as used in a computer
           system.

                                                                    (02 marks)

……………………………………………………………………………………
…………………………………………………………………………………….

     (ii) State any two functions of the control unit.

                                                                    (02 marks)

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………………………………………………………………………………………

     (iii) Define a byte

                                                                     (01 mark)

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……………………………………………………………………………………..

(d) Distinguish between ROM and RAM.

                                                                    (04 marks)

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(25) (a) (i)   Define the term band width.

                                                                    (01 marks)

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……………………………………………………………………………………

     (ii) List **three** communication media.

                                                                    (03 marks)

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……………………………………………………………………………………
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(b)   Below are specifications for two different types of computers **A** and **B.**
        Specification:

		Computer **A**	Computer **B**
RAM	:	**64MB**	**128MB**
HARD DISK	:	**700 MB**	**20 GB**
SPEED	:	**800 MHz**	**1 GHz**
COMPUTER WORD:		**32-bit**	**64 – bit**
NETWORK CARD	:	**NO**	**YES**
VIDEO CARD	:	**YES**	**YES**

Study them and answer the questions that follow:

(i)   Which computer is faster in processing data?

(01 marks)

……………………………………………………………………………………

(ii)   How many bytes can computer A handle at the same time?

(02 marks)

……………………………………………………………………………………

……………………………………………………………………………………

(iii)   Which computer is more likely to be connected to a LAN and why?

(02 marks)

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……………………………………………………………………………………

(c)   Define the following terms:

(i)   Software.

(01 mark)

……………………………………………………………………………………

……………………………………………………………………………………..

(ii)   Hardware.

(01 mark)

…………………………………………………………………………………

………………………………………………………………….

(iii)   Application programme.

(01 mark)

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(d)   Distinguish between down loading and uploading a computer

(03 marks)

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SECTION C (20 MARKS)

Answer only **one** *question from this section. Answers to the question must be done in the answer booklet provided.*

26.   Explain why a school should have a web-site.

(20 marks)

28.   Give your arguments in favour and against the impact of computers in our society to.

(20 marks)