**NAME OF SCHOOL: ................................................................................**

**NAME OF CANDIDATE: ..........................................................................**

**INDEX NO: ..................................... SIGNATURE: ................................**

**840/1**

COMPUTER STUDIES

**Paper 1**

**JULY/AUGUST**

2½ hours



**ELITE EXAMINATION BUREAU MOCK 2019**

**Uganda Certificate of Education**

COMPUTER STUDIES

**Paper 1**

**2 hours 30 minutes**

**INSTRUCTIONS:**

1. Write your name on the space provided
2. This paper is made up of three sections: **A, B** and **C** respectively.
3. Section **A** contains 20 compulsory objective- type questions. Write your best alternative in the box provided
4. Section **B** contains structured questions. Answer all of them from the space provided
5. Section **C** contains three essay questions. Answer only one

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **For Examiners’ Use Only** | | | | | | | | | | |
| **MCQ** | **21** | **22** | **23** | **24** | **25** | **26** | **27** | **28** | **29** | **Total** |
|  |  |  |  |  |  |  |  |  |  |  |

**Section A: (20 Marks)**

**Attempt all questions here.**

1. A computers ability to reason and think is best represented by it’s…………….?
2. ALU
3. CU
4. CMOS
5. LCD
6. The ability of a computer to automatically configure peripheral devices is known as …..
7. supervision
8. drivers
9. registering.
10. plug and Play
11. When system peripherals stop working suddenly, computer users can be advised to start by……..
12. Identifying the cause of the fault.
13. Buying a new peripheral device.
14. Changing the version of the peripheral.
15. Going to another computer.
16. System device configurations checked during the booting process are generally kept in the?
17. RAM
18. BIOS
19. CMOS
20. POST
21. Which one of the following computer generations represents the invention of the operating system?
    1. First generation
    2. Second generation
    3. Fourth generation
    4. Third generation

6. Which one of the following components is an element of the central processing unit?

1. CMOS
2. RAM
3. Accumulators
4. Pixels

7. The program that loads operating system into memory during computer system start-up is……….

1. DOS
2. boot strap
3. BIOS
4. POST

8. Which one of the following practices would slow down the speed of the computer system?

1. Increasing the amount of RAM
2. Running several software applications at the same time
3. Using a smaller screen or monitor
4. Using a very small mouse

9. In computer studies troubleshooting refers to a form of…………….

1. Problem solving
2. Data security measures
3. Protecting the computer
4. Crime preventing

10. A local area network that uses World Wide Web standards transmissions, uploads and down loads is referred to as………………….

1. Extranet network
2. Closed network
3. Intranet network
4. SOHO network

11. Which one of the following statements is correct about mail merge feature of word processors?

1. It is used to develop multiple copies of the same letter for different recipients
2. It is used to send multiple copies of the same letter to different recipients.
3. It is used to import multiple copies of the same letter
4. It is used to export multiple copies of the same letter

12. Computer ethics would best be described by …………………………………………

1. being polite on line
2. trade names
3. trade marks
4. copyrights
5. A …………….is a preliminary working version of a software product for demonstration and evaluation by end users.
   1. version.
   2. release.
   3. prototype.
   4. system life cycle.

14. Which one of the following is an imaging input device?

* 1. Dance pad.
  2. Keyboard.
  3. Camcorder.
  4. Speed gun

15. Which of the following is correct about electronic spreadsheet?

1. One can perform calculations in spreadsheets.
2. One can create a letter using a spreadsheet.
3. A student can type an essay using a spreadsheet.
4. A student can download information using spreadsheets.

**16.** During the process of installing an operating system, its important to ……..a new hard disk

1. format
2. clean
3. defragment
4. compress

**17.** Arrangement of slides in a presentation can be achieved by use of ……………

1. slide layout
2. slide sorter
3. place holder
4. master slide

**18.** Devices connected to a computer through its external ports are known as…………..

1. communication devices
2. peripheral devices
3. Input devices
4. storage devices
   * 1. A/an ………………. Shape is used to denote the beginning of the program algorithm in a flow chart.
5. parallelogram
6. rhombus
7. ellipse
8. arrow
   * 1. A programming utility that combines several compiled program modules of a program into a single executable program is known as?
9. Assembler
10. Debugger
11. Linker
12. Interpreter

**SECTION B (60 MARKS)**

*Answer* **all** *questions in this section. All the working* **must** *be done in the space provided.*

**21**. a) What is a “***computer generations” (2 marks)***

**………………………………………………………………………………………….……….**

**………………………………………………………………………………………….……….**

b) Give ***two*** reasons to support the study of the history of computers **(2 marks)**

**………………………………………………………………………………………….……….**

**………………………………………………………………………………………….……….**

c) State ***three*** career opportunities in the field of ICT **(6 marks)**

**………………………………………………………………………………………….……….**

**………………………………………………………………………………………….……….**

**………………………………………………………………………………………….……….**

**………………………………………………………………………………………….……….**

22. a) Briefly explain the following technologies used in data storage of data and information.

i) Optical technology (2marks)

**………………………………………………………………………………………….……….**

**………………………………………………………………………………………….……….**

(ii) Solid state technology (2marks)

**………………………………………………………………………………………….……….**

**………………………………………………………………………………………….……….**

b) Give ***two*** uses of a mouse on a computer system. (2marks)

**………………………………………………………………………………………….……….**

**………………………………………………………………………………………….……….**

c) Give **four** stages involved in the booting process of a computer (4marks)

**………………………………………………………………………………………….……….**

**………………………………………………………………………………………….……….**

**………………………………………………………………………………………….……….**

**………………………………………………………………………………………….……….**

23. a) Give ***three*** examples of statistical functions found in electronic spreadsheets ***(6 marks)***

**………………………………………………………………………………………….……….**

**………………………………………………………………………………………….……….**

**………………………………………………………………………………………….……….**

b) Give ***two*** examples of electronic database software. ***(2 marks)***

**………………………………………………………………………………………….……….**

**………………………………………………………………………………………….……….**

c) Give ***two*** uses of query objects created in electronic databases.  ***(2 marks)***

**………………………………………………………………………………………….……….**

**………………………………………………………………………………………….……….**

24. a) In relation to computer communication and networks, explain the meaning of the following terms.

1. Server (02 marks)

**………………………………………………………………………………………….……….**

**………………………………………………………………………………………….……….**

1. Client (02 mks)

**………………………………………………………………………………………….……….**

**………………………………………………………………………………………….……….**

b) (i) State **two** advantages of depending on computer networks

(02 mks)

**………………………………………………………………………………………….……….**

**………………………………………………………………………………………….……….**

**………………………………………………………………………………………….……….**

(ii) What is a half-duplex switch? (02mks)

**………………………………………………………………………………………….……….**

(iii) Give ***two*** advantages a school would enjoy by having a website (2 marks)

**………………………………………………………………………………………….……….**

**………………………………………………………………………………………….……….**

25. a) Give ***three*** features of an electronic word processor interface. (3 marks)

**………………………………………………………………………………………….……….**

**………………………………………………………………………………………….……….**

**………………………………………………………………………………………….……….**

b) Give ***two*** examples of document referencing features provided by electronic word processor (2 marks)

**………………………………………………………………………………………….……….**

**………………………………………………………………………………………….……….**

c) Give **one** use of each of the following electronic presentation features

i) Slide master: (1 mark)

**………………………………………………………………………………………….……….**

ii) Slide sorter view: (1 mark)

**………………………………………………………………………………………….……….**

d) State ***three*** uses of electronic presentation software (3 mark

**………………………………………………………………………………………….……….**

**………………………………………………………………………………………….……….**

**………………………………………………………………………………………….……….**

26. a) What is a device driver? (2 marks)

**………………………………………………………………………………………….……….**

**………………………………………………………………………………………….……….**

b) State ***two*** uses of networking operating system (2 marks)

**………………………………………………………………………………………….……….**

**………………………………………………………………………………………….……….**

c) Name ***three*** categories of utility programs. (3 marks)

**………………………………………………………………………………………….……….**

**………………………………………………………………………………………….……….**

**………………………………………………………………………………………….……….**

d) Supposing a computer user installs windows 13 on his/her laptop. Give ***three*** functions it can perform in the computer system (3 marks)

**………………………………………………………………………………………….……….**

**………………………………………………………………………………………….……….**

**………………………………………………………………………………………….……….**

**SECTION C: (20 MKS)**

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

27. a) Explain the ***three*** methods of error detection in a program code.

**(06 marks)**

b) Identify one method of finding out computer specifications, and briefly describe how you would use that method to know important details about the computer. **(08 marks)**

c) Describe how you would create a folder on your computers desktop (06 marks)

28. a) Briefly describe how you would change a computer users Password.

**(10 mks)**

b) State ***five*** ways in which computers are revolutionalising the education sector. **(10 marks)**

29. a) Explain the factors you would consider to choose a programming platform to use **(10 mrks)**

b) Explain any **five** stages of a real programming life cycle. **(10 marks)**

**END**