Candidate's name...Signature..............

MACADITA

MASAKA DIOCESAN EXAMINATIONS BOARD
Uganda Certificate of Education
Joint Mock Examinations 2023
COMPUTER STUDIES
Paper 1
2 hours 30 minutes

INSTRUCTIONS TO CANDIDATES

Write your name and signature in the spaces above.

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 consists of **six** structured questions. **Attempt all.***

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

*Any additional question(s) answered will **not** be marked.*

For examiner's only

MCQ	Q21	Q22	Q23	Q24	Q25	Q26	A27	Q28	Q29	TOTAL

CamScanner

1. The use of large scale integrated circuits was evidenced in .... generation of computers

   A. First
   B. Second
   C. Third
   D. Fourth

2. To make text thicker in a sentence in word processing, you ....

   A. Bold
   B. Press B
   C. Underline
   D. Colour text

3. The purpose of a blower in a computer laboratory is to.................

   A. Upgrading computer software
   B. Regulating power consumption
   C. Remove dust from ICT tools
   D. Upgrading computer hardware

4. A search engine is a ....

   A. Program that enables you to locate content via key words
   B. Page that starts each time you start your web
   C. Collection of programs maintained by a web master
   D. Page that has links to other web pages

5. One of the following is an advantage of fibre optic cables.

   A. It is relatively inexpensive by cost and easy to install
   B. All computers on the LAN can be connected to the cable at the same time
   C. Each computer can access the same cable from other computers on the LAN
   D. All computers on the cable can share peripherals over the internet.

6. A technique used to identify and correct errors in programs is called?

    A. BIOS
    B. Down loading
    C. Debugging
    D. Trouble shooting

7. The computer specification that would determine the amount of data held while the computer is running is........................

    A. Screen size
    B. Screen resolution
    C. Hard disk capacity
    D. RAM size

8. Which of the following is not part of computer storage?

    A. Field
    B. Bit
    C. Byte
    D. Kilobyte

9. The basic function of a query in database management software is to ....

    A. Enhance the database
    B. Download primary keys
    C. Filter for specific records
    D. Update macros

10. The following are classifications of computers by purpose:

    A. Mainframe and microcomputers
    B. Special and general purpose computers
    C. Digital and analog
    D. Minicomputers and microcomputers

11. The importance of a slide sorter view in presentation software is to ....

    A. Insert items that appear on every slide
    B. Display all slides on a screen at once
    C. Relate data in slides
    D. Filter data in slide

12. The following are examples of service programs except;

   A. System monitors
   B. Expert systems
   C. Screen saver
   D. Anti-virus

13. The science of designing machines that can do dangerous jobs is ....

   A. Interactive mode
   B. Virtual reality
   C. Advanced robotics
   D. Real mode

14. One software measure of preventing computer systems from security risks is.........

   A. Employing guards
   B. Setting up CCTV cameras
   C. Data encryption
   D. Burglar proofing
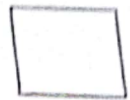
15. This internet component provides the text version of a given addresson the web.

   A. ISP
   B. DNS
   C. WEB
   D. URL

16. Which of the following HTML tags creates a horizontal rule?

   A. <horu>..............</horu>
   B. <hzr>..............</hzr>
   C. <hr>...............</hr>
   D. <hr>
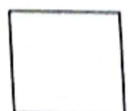
17. Which computer component permanently holds data?

   A. ALU
   B. Control unit
   C. ROM
   D. Logic unit

18. The GUI feature that provides a list a options from which to choose is ....

    A.   Menu
    B.   Icon
    C.   List
    D.   Recycle bin

19. Which of the following is not an example of a language translator?

    A.   Assembler
    B.   Interpreter
    C.   Defragmenter
    D.   Compiler

20. In spreadsheet software, a single page in which data is entered is called a.........

    A.   Document
    B.   Worksheet
    C.   Workbook
    D.   Spreadsheet

SECTION B: *(60 marks)*

Attempt all questions in this section

21. a) Define the term computer system.   (02 Marks)

....

....

....

  b) Which keyboard shortcut is commonly used to perform each of the following tasks?   (03 Marks)

    i)   To cancel a print command.

....

    ii)   To refresh a web page

....

    iii)   To activate save as dialogue box.

....

c) Mention two ways through which use of computers negatively affect businesses and trade. (02 Marks)

....

....

....

....

d) Identify the computer professional who undertakes each of the following tasks. (03 Marks)

i) Repairing damaged computers

....

ii) Recovery of data from electronic media

....

iii) Writing software codes

....

22. a) Explain the function of a communication device. (02 Marks)

....

....

b) Mention two examples of communication devices. (02 Marks)

....

....

c) Why are device drivers important to computer systems? (01 Mark)

....

....

d) Write down any three advantages of using a flash disk over a DVD-RW. (03 Marks)

....

....

....

e) Write the following abbreviations in full. (02 Marks)

   i) USB...

   ....

   ii) VGA...

   ....

23. a) What is the function of a cell name box in spreadsheets? (02 Marks)

   ....

   b) Mention any three logical functions used in spreadsheets. (03 Marks)

   ....

   ....

   ....

   c) Explain the use of the following database components.

   i)   Field.   (02 Marks)

   ....

   ....

   ii)   Record.   (02 Marks)

   ....

   ....

   iii) Primary key.   (01 Mark)

   ....

   ....

24. a) Apart from Protocols, identify four other elements of data communication.
(04 Marks)

....

....

....

....

b) State any three advantages of wired networks. (03 Marks)

....

....

....

c) Mention any three qualities of a good web page. (03 Marks)

....

....

....

25. a) Identify two tasks that can be performed under page set up in word processing.
(02 Marks)

....

....

b) Explain the following features as used in word processing.

   i)   Scrolling. (01 Mark)

....

....

   ii)   Word wrap. (01 Mark)

....

....

   iii) Drop cap. (01 Mark)

....

....

c) Define the following terms as used under electronic presentations.

   i)   Slide.

                                            (01 Mark)

   ii)   Presentation.   (01 Mark)

   iii)   Animations.   (01 Mark)

d) Apart from Google slides, identify any two electronic presentation programs.
                                            (02 Marks)

26. a) Define the term computer software.   (02 Marks)

   b) Give three categories of system software.   (03 Marks)

   c) Define the following terms in relation to computer software.

                                            (02 Marks)

   i)   User interface

                                            (02 Marks)

   ii)   Screen Saver

iii) Free ware   (01 Mark)

....

....

SECTION C: *(20 Marks)*

*Attempt only **one** number from this section*

27. As a student of computer studies, explain ten general measures undertaken to safe guard computer systems.   (20 Marks)

28. a) Explain five circumstances under which you may need to use a flash disk for data storage.   (10 Marks)

    b) Explain how you would make a flash disk ready for data storage.
                                                                  (10 Marks)

29. a) Clearly explain the computer power up procedures.   (05 Marks)

    b) Explain five circumstances that may require you to restart your laptop.
                                                                  (15 Marks)

END