



EXAMINATION NO.: _____

THE MALAWI NATIONAL EXAMINATIONS BOARD

2023 JUNIOR CERTIFICATE EXAMINATION

COMPUTER STUDIES

(100 marks)

Subject Number: J039

Tuesday, 6 June

Time Allowed: 2 hours
1:00 – 3: 00 pm

Instructions

1. This paper contains 11 printed pages. Please check.
2. Before beginning to answer these questions fill in your **Examination Number** at the top of each paper.
3. The paper contains **three** sections: **A, B** and **C**. Answer **all** questions in each section.
4. In the table provided on this page, **tick** against the question number you have answered.
6. Hand in your completed question paper when time is called to stop writing.

Question Number	Tick Qns 21 to 33 if answered	Do not write in these columns	
1-5			
6-10			
11-15			
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EXAMINATION NO.: _____

THE MALAWI NATIONAL EXAMINATIONS BOARD

2024 JUNIOR CERTIFICATE EXAMINATION

COMPUTER STUDIES

(100 marks)

Subject Number: J039

Wednesday, 12 June

Time Allowed: 2 hours

1:00 – 3: 00 pm

Instructions

- 1. This paper contains 11 printed pages. Please check.**
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Section A (20 marks)

Answer all the questions in this section by **encircling** the letter corresponding to the correct answer.

1. Which of the following is another name for data?
 - A. user input
 - B. user output
 - C. desired output
 - D. desired input
2. Which of the following computer generations developed transistors?
 - A. First generation
 - B. Second generation
 - C. Third generation
 - D. Fourth generation
3. Why is the shortcut Ctrl + X used in word processor?
 - A. to paste text
 - B. to cut text
 - C. to replace text
 - D. to find text
4. Which of the following are features of Graphic User Interface?
 - A. windows and security
 - B. icons and pointers
 - C. pointers and security
 - D. buttons and menus
5. In which of the following financial systems are barcode readers commonly used?
 - A. accounting
 - B. banking
 - C. stock control
 - D. retail selling
6. Which of the following is the use of computers in the library?
 - A. process control
 - B. forecasting
 - C. simulation
 - D. cataloguing
7. The magnetic tapes should be kept away from excessive heat to avoid
 - A. awakening magnetic strength.
 - B. strengthening the magnetism.
 - C. exposing to heat.
 - D. braking it.
8. Which of the following is an option of printing a presentation?
 - A. picture
 - B. frame
 - C. handout
 - D. copy
9. Which of the following is an example of application software?
 - A. powerpoint
 - B. utility
 - C. language translator
 - D. operating system
10. The following are components of the Central Processing Unit **except**
 - A. control unit.
 - B. system unit.
 - C. logic unit.
 - D. main memory.



11. Which of the following devices connects computers on a network?
- A. MODEM
 - B. hub
 - C. USB
 - D. NIC
12. Which of the following aligns text evenly on the left and right margin?
- A. centre alignment
 - B. right alignment
 - C. justification alignment
 - D. left alignment
13. Which of the following describes Braille keyboard?
- A. It contains extra keys.
 - B. It has QWERTY typing keys.
 - C. It is similar to tradition typewriter.
 - D. Keys are identified by raised dots.
14. The internal devices are connected to a computer through
- A. ports and sockets.
 - B. slots and ports.
 - C. power supply and ports.
 - D. slots and sockets.
15. Which of the following is used to organise a large document for ease of reference?
- A. footnote
 - B. endnote
 - C. page header
 - D. page number
16. The spread of computer viruses can be prevented by
- A. sharing removable disks.
 - B. installing storage software.
 - C. installing and updating anti-virus.
 - D. opening unsolicited e-mails.
17. When files and folders are sorted by size, it means that they are arranged based on
- A. nature of contents inside.
 - B. date they were created.
 - C. date they were accessed.
 - D. amount of data inside.
18. Which of the following computer viruses takes a particular action on a particular data?
- A. Trojan Horse
 - B. Worm
 - C. Memory resident virus
 - D. Logic bomb
19. Use of standard furniture in a computer room prevent
- A. eye strain.
 - B. head pain.
 - C. limb fatigue.
 - D. stomach pain
20. Which of the following is a purpose of presentation software?
- A. to teach audience.
 - B. to make calculations.
 - C. to use in future.
 - D. to store data.



Section B (50 marks)

Answer **all** questions in the spaces provided.

21. a. Explain the function of power supply unit in a computer.

(2 marks)

- b. Give any **two** reasons why back-up of data and information is important?

(2 marks)

22. a. State any **two** differences between 'password to open' and 'password to modify' in a Word processor.

(2 marks)

- b. Outline the **four** steps that are followed when checking hard disk size.

(4 marks)



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23. State any **two** benefits of using the Uninterrupted Power Supply.

(2 marks)

24. a. Give any **two** types of Random Access Memory.

(2 marks)

- b. Give any **two** steps of deleting a slide in a presentation.

(2 marks)

25. Explain any **two** ways in which moisture can get into the computer components.

(4 marks)

26. a. Mention any **two** fire prevention and control equipment in computer laboratories.

(2 marks)

- b. Give any **three** qualities of furniture suitable for use in a computer laboratory.

(3 marks)



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- 27 a. Give any **three** specifications to consider when purchasing a computer.

(3 marks)

- b. State the importance of memory slots on the motherboard.

(1 mark)

28. a. Why is computer waste dangerous to the environment?

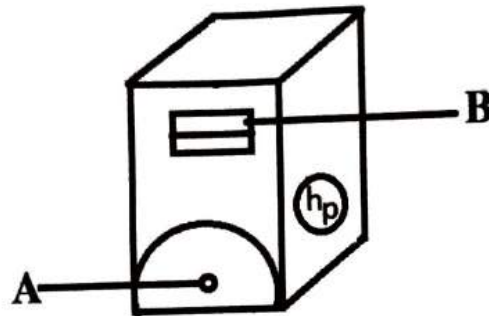
(2 marks)

- b. How is a mouse used to select a paragraph in a Word Processor?

(3 marks)



29. The figure below is a diagram showing a computer component.



- a. Identify parts labelled A and B.

A:

_____ (1 mark)

B:

_____ (1 mark)

- b. Give any **two** ways in which the component can be protected.

_____ (2 marks)

- c. State any **one** measure that can be considered to protect the computer room from unauthorised access.

_____ (1 mark)



30. a. Describe the following features of a PowerPoint application window:

(i) Quick access tool bar

(2 marks)

(ii) Work area

(2 marks)

(iii) Status bar

(2 marks)

b. State any **two** differences between a password and a pin.

(2 marks)

c. List **three** steps to be followed when inserting page numbers in a Word Processor.

(3 marks)



Section C (30 marks)

Answer **all** the questions in the spaces provided.

- 31. Explain any five functions of an operating system.**

(10 marks)



32. a. Explain any **two** advantages of mail merging.

(4 marks)

b. Describe the **three** parts of the central processing unit.

(6 marks)



(10 marks)

(10 marks)



END OF QUESTION PAPER
This paper contains 11 printed pages.