



EXAMINATIONS COUNCIL OF ZAMBIA

JUNIOR SECONDARY SCHOOL LEAVING EXAMINATION (GRADE 9) – 2019

Computer Studies 402/1

Paper 1

(INTERNAL CANDIDATES)

Time: 1 hour 30 minutes

Mark: 60

Instructions to candidates

- 1 Pull out the **Answer Booklet** from the question paper.
- 2 Write your name, **examination number** and **school/centre name** on the **Answer Booklet**.
- 3 There are **three (3)** sections in this question paper, Section A, B and C.
- 4 Answer all the questions in all **three (3)** sections. Write all your answers in the **Answer Booklet** provided.
- 5 In Section A, for each question, **four (4)** suggested answers are given A, B, C and D. Choose the best answer and show it in the **Answer Booklet** by marking it with a cross (X).

For example if the answer is D

A	B	C	☒ D
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Information for candidates

Cell phones are not allowed in the examination room.

DO NOT TURN THIS PAGE UNTIL YOU ARE TOLD TO DO SO.

SECTION A [15 marks]

- 1 An approximate value of a Gigabyte is ...
 - A 1 000.
 - B 1 000 000.
 - C 1 000 000 000.
 - D 1 000 000 000 000.
- 2 Which of the following is **not** an example of a computer hardware?
 - A Compact Disk Drive
 - B Floppy Disk Drive
 - C Operating System
 - D Hard Disk System
- 3 Kawana wants to protect his computer from virus attacks. He should ...
 - A clean the computer with anti software.
 - B clean the computer with anti-virus software.
 - C clean the computer with virus software.
 - D clean the computer with virus malware.
- 4 An example of an input device is a ...
 - A Flash disk.
 - B Screen.
 - C Speaker.
 - D Touch Screen.
- 5 What is the other name for the monitor?
 - A Digital Display Unit
 - B Dot Display Unit
 - C Visible Display Unit
 - D Visual Display Unit
- 6 By increasing font size, which of the following is affected?
 - A Colour
 - B Picture
 - C Sound
 - D Text

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- 7 The right to use software is termed as ...
A copyright.
B installation.
C licence.
D patent.
- 8 The speed of a CPU is measured in ...
A Megahertz and Gigabyte.
B Megahertz and Gigahertz.
C Byte and Terabyte.
D Byte and megahertz.
- 9 The Icon  in word processor represents ...
A change case.
B change font.
C word wrap.
D word size.
- 10 Which of the following is an automatic method for input of data?
A Data entry
B Data capture
C Data keying
D Data typing
- 11 The term that refers to the methods and equipment used to gather, process, communicate and store information is ...
A computer processing.
B information networks.
C information technology.
D networked computers.
- 12 An email can be sent using the following devices except ...
A computer.
B fax.
C mobile phone.
D tablet.

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- 13 Which of the following commands is found in a spreadsheet?
- A Autosum
 - B Speller
 - C References
 - D Paragraph
- 14 Thesaurus helps to ...
- A copy and paste.
 - B find similar words.
 - C find-replace text.
 - D search and paste.
- 15 What are the two commonly used printers?
- A Dot matrix and laser jet.
 - B laser jet and inkjet.
 - C plotter and dot matrix.
 - D plotter and inkjet.

SECTION B [20 marks]

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There are fifteen (15) questions in this section.

Answer all the questions in this section by writing the missing words.

Write all your answers in the Answer Booklet provided.

- 16 The part of the central processing unit where calculations are performed and logical comparisons made is the ... [1]
- 17 A file sent with an e-mail message is known as ... [1]
- 18 A ... is a device used to connect the computer to the internet. [1]
- 19 An unordered list in a word processor is done using ..., whereas an ordered list is created using ... icon. [2]
- 20 ... software controls the operations of the computer and ... software performs user required functions. [2]
- 21 A ... is a program that enables users to navigate the world wide web. [1]

- 22** A ... is a program that affects smooth operations of a computer and destroys computer files. [1]
- 23** ... is memory held on a chip that can have its contents changed by the user. [1]
- 24** Video output on a smart phone is seen on its ...while audio output is obtained through the ... [2]
- 25** 2479MBY is an example of ... characters. [1]
- 26** In a spreadsheet, the symbol used for division is ... whereas the symbol for multiplication is ... [2]
- 27** A ... is a pattern of thick and thin lines on a product. [1]
- 28** An example of secondary memory on a computer is ... [1]
- 29** A ... device is any piece of hardware that is connected to the system unit. [1]
- 30** Computers use only two digits to process data and these are ... and ... [2]

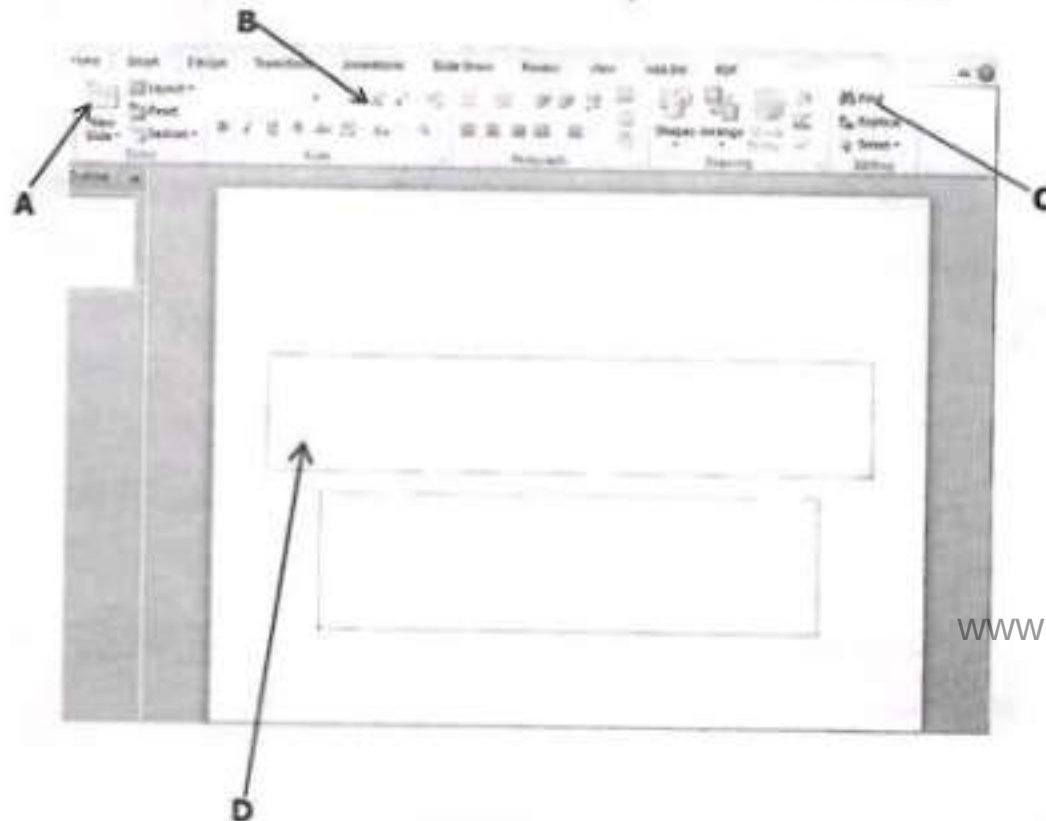
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SECTION C [25 marks]

There are four (4) questions in this section.

Answer all the questions in the Answer Booklet provided.

31 Study the picture below and answer the questions that follow.



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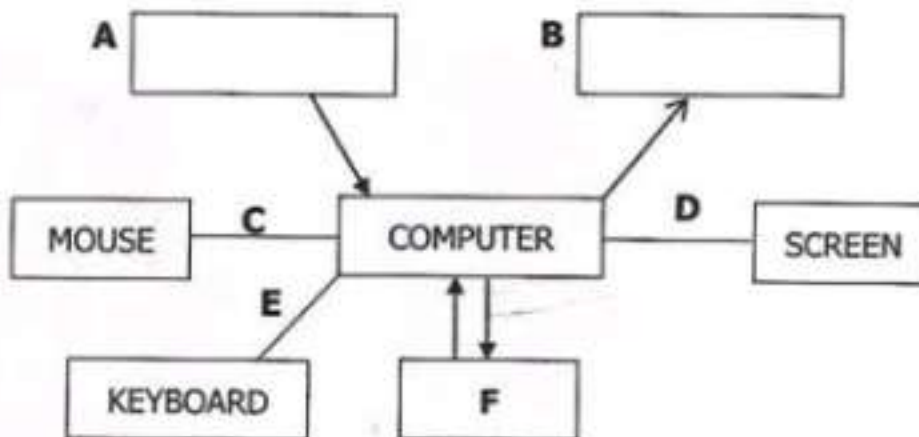
- (a) Give the name of the application shown above. [1]
- (b) Name the parts labelled A, B and C. [3]
- (c) Give **one** use of part D. [1]
- (d) What is the function of the feature C? [2]

- 32 The picture below shows a card used in a transaction system. Study it and answer the questions that follow.



- (a) Name this card. [1]
- (b) Give **one** item of data that should be entered in the system in order to use the system with this card. [1]
- (c) Give **one** example of information stored on the card. [1]
- (d) E-commerce is now accepted by many users. What is meant by E-commerce? [1]
- (e) State **two** advantages of using the above card when making transactions. [2]
- (f) Give **one** situation where the card would fail to make transactions go through. [1]
- (g) Name a device similar to part X. [1]

33 Study the diagram below and answer the questions that follow.



- (a) Show the direction of data movement by putting arrows on lines **C**, **D** and **E**. [3]
- (b) Add another input device and another output device in boxes **A** and **B**. [2]
- 34 (a) Explain the meaning of the term LAN. [1]
- (b) Give **one** disadvantage of networking computers. [1]
- (c) What do the letters SAN stand for in networks? [1]
- (d) Name a device that changes digital data into analogue signals and analogue signals to digital data. [1]
- (e) Give **one** example of crime committed using computers. [1]