



EXAMINATIONS COUNCIL OF ZAMBIA
JUNIOR SECONDARY EXTERNAL EXAMINATION (GRADE 9) - 2021

Computer Studies 402/1

(EXTERNAL CANDIDATES)

Time: 1 hour 45 minutes

Marks: 70

Instructions to Candidates

- 1 Pull out the **Inserted Answer Booklet** from the question paper.
- 2 Write your **examination number, school/centre name and code** in the **Inserted Answer Booklet**.
- 3 Ensure that you **write** your **examination number** on **every page** of the Answer Booklet.
- 4 There are **three** sections in this question paper, Section **A, B** and **C**. Answer all the questions in all **three** sections.
- 5 In Section **A**, for each question, **four** suggested answers **A, B, C** and **D** are given. Choose the best answer and mark it on the answer grid provided in the Answer Booklet.
- 6 Write all your answers in the **Answer Booklet** provided.

Information for Candidates

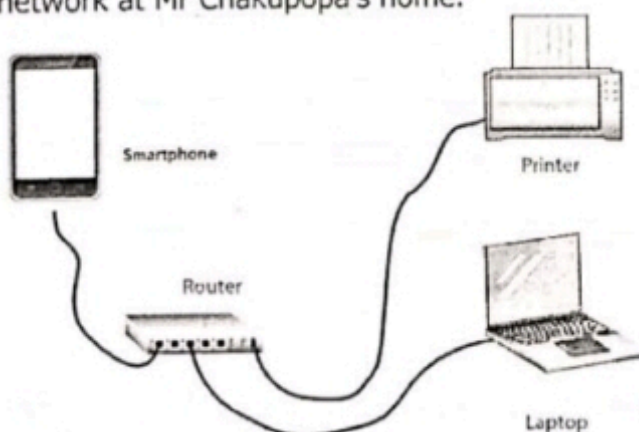
Cell phones are **not allowed** in the examination room.

SECTION A [20 marks]

Answer **all** questions. Mark your answers with a **cross (X)** on the Answer Grid provided in the Answer Booklet.

- 1 A monitor is an example of ...
A hardware.
B shareware.
C spyware.
D software.
- 2 Which part of the Central Processing Unit (CPU) performs calculations?
A Arithmetic Logic Unit
B Calculator Unit
C Control Unit
D Memory Logic Unit
- 3 A ... is a hand held barcode scanner.
A coder
B detector
C megapixel
D wand
- 4 ... is the term that refers to hardware that is connected externally to a computer.
A External device
B Peripheral device
C Universal parallel bus
D Universal serial bus
- 5 What device is used to transmit data and pictures over a telephone line?
A Data pic
B Digitizer
C Facsimile
D Scanner
- 6 A device used to print out drawings of building plans is ...
A an actuator;
B a motor.
C a plotter.
D a robot.
- 7 Which of the following is **not** an advantage of Electronic Fund Transfer at Point of Sale (EFTPOS)?
A Easy to change currency when abroad
B High costs of setting up the system
C Payment is guaranteed as long as transaction is successful
D Reduced theft of cash

- 8 Which feature in a presentation software allows a user to view all slides on one screen? Slide ... view.
 A master
 B outline
 C show
 D sorter
- 9 A huge network made up of smaller networks is known as ...
 A the Internet.
 B a local area network.
 C a metropolitan area network.
 D a wireless network.
- 10 A device which changes analogue telephone signals into digital data is a ...
 A modem.
 B ROM chip.
 C RAM chip.
 D sender.
- 11 How can a user send data from a word processing document to a spreadsheet document? By ...
 A downloading.
 B exporting.
 C importing.
 D sending.
- 12 Teaching using computers and other electronic devices is known as ...
 A e-commerce.
 B e-government.
 C e-learning.
 D e-teaching.
- 13 The following figure shows different devices connected together to form a network at Mr Chakupopa's home.



What network is shown above?

- A LAN
 B MAN
 C PAN
 D SAN

- 14 A text, picture or graphical button used to move from a current webpage to another webpage when clicked is called ...
A home page.
B hyperlink.
C search engine.
D web browser.
- 15 Which input device is **not** suitable for the physically disabled users?
A Braille keyboard
B Eye typer
C Foot mouse
D QWERTY keyboard
- 16 ... is software that can be acquired without paying for its licence and can be used for a specified period of time.
A Adware
B Freeware
C Malware
D Shareware
- 17 ... is a type of virus that will become active on a specific date.
A Anti-virus
B Time bomb
C Trojan horse
D Worm ware
- 18 When a document is saved without specifying its file destination it goes to ...
A local disk.
B my documents.
C my computer.
D recycle bin.
- 19 What type of page orientation is shown in the following diagram?
- 
- A Gutter
B Landscape
C Page setup
D Portrait
- 20 How would a picture size be changed to fit the available space in a document?
By ...
A cropping and cutting.
B cropping and resizing
C minimising and compression.
D minimising and maximising.

SECTION B [20 marks]

There are **fifteen** questions in this section.

Answer **all** the questions in this section by using one word or a short phrase. Write all your answers in the inserted Answer Booklet provided.

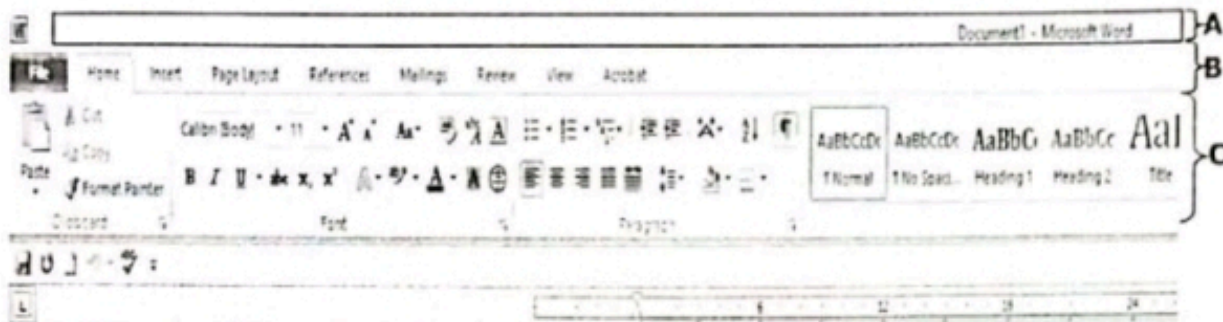
- ① The abbreviation VGA stands for ... [1]
- ② ... is the identity given to a user on a network. [1]
- 3 The blank space outside the printing area on a page of a document is called while the appearance of a document before printing is checked in the print ... [2]
- 4 The slide view that displays one slide at a time with presenters' notes is called ... [1]
- 5 A ... can cause damage to computer files. [1]
- 6 A system that allows resources to be shared by many different users is ... [1]
- 7 A ... holds all deleted items. [1]
- 8 A voice call that is broadcast to a group of users is called ... [1]
- 9 A microprocessor chip is mounted on the ... and the storage that supplements the hard disk of a computer is ... [2]
- 10 The part of a computer that temporarily stores data is ... while the ... stores data permanently. [2]
- 11 In a spreadsheet, the function that gives the highest value of data in a range of cells is ... and the function that produces the lowest value is ... [2]
- 12 ... is an internal network that uses technologies of the Internet to enable communication between people. [1]
- 13 ... is a crime committed using the Internet. [1]
- 14 Apart from a username, a ... is used to log into a social media account. [1]
- 15 The method of accessing computer files without permission is known as ... and a person who performs that act is called ... [2]

SECTION C [30 marks]

There are five questions in this section.

Answer all the questions in the inserted Answer Booklet.

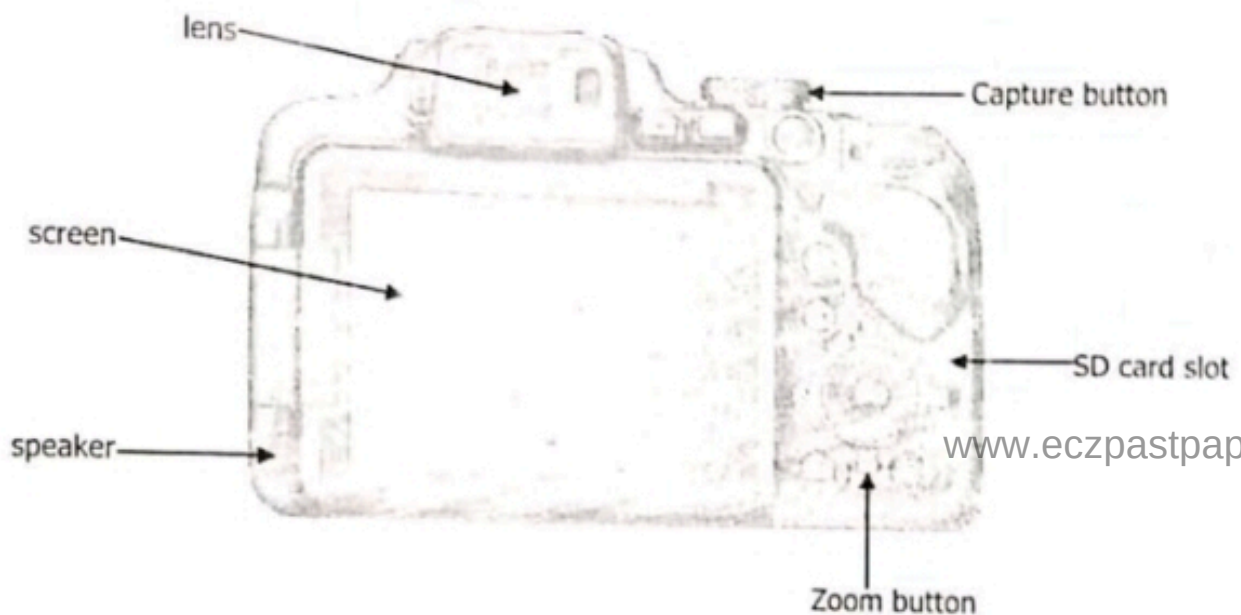
1 Study the picture of an application below and answer the questions that follow.



- (a) Name the parts labelled **A** and **B**. [2]
 - (b) State the tab in the picture that must be clicked to open the print preview option. [1]
 - (c) Which feature or tool shown in the picture must be selected to copy the attributes of a selected text? [1]
 - (d) Explain the purpose of the tool **Aa** shown in the part labelled **C**. [2]
- 2
- (a) Name **one** device other than a laptop that can be used to send electronic mail. [1]
 - (b) What feature is used to send an email to several recipients at once? [1]
 - (c) Apart from sending emails, state **two** other ways of communicating electronically using the Internet. [2]
 - (d) Give **two** advantages of emails. [2]
- 3
- (a) What is open source software? [1]
 - (b) Give **two** reasons why open source software is becoming popular for use in computers. [2]
 - (c) State **one** disadvantage of using open source software. [1]
 - (d) Give **two** examples of open source software. [2]

- 4 (a) What is a virus? [1]
- (b) State **one** cause of data or information loss apart from being corrupted by a virus. [1]
- (c) Explain the difference between an anti-virus and antispyware. [2]
- (d) Give **two** ways in which a document being typed can be protected from accidental loss. [2]

- 5 The following picture shows a digital camera. Study it and answer the questions that follow.



- (a) Name the part of the digital camera used to capture audio data. [1]
- (b) Give **two** outputs of the digital camera. [2]
- (c) Name the part of the digital camera that stores images. [1]
- (d) How can images on the digital camera be transferred to a laptop computer? [2]