

**INSTRUCTIONS TO CANDIDATES:**

- (a). Attempt **ALL** questions in this paper.
- (b). The maximum time allocated to this paper is 2 hours and 30 minutes.
- (c). This paper is made up of 20 compulsory and equally weighted questions.
- (d). Write all your responses in dark blue or black ink in the spaces provided.
- (e). All answers should be written in the spaces provided. No additional material will be provided to the candidate.
- (f). Untidy work will lead to automatic loss of marks.

[illegible]

(1Mark)

1. a) Define the term Information as used in computing

.....  
.....  
.....

(4Marks)

- b) State any four characteristics of meaningful information

i.....  
ii.....  
iii.....  
iv.....

2. How would you ensure safety of hardware in the computer laboratory? (5Marks)

i. ....  
ii. ....  
iii. ....  
iv. ....  
v. ....

3. Consider the file path "E:\2022 and Previous\ICT\ICT\_Papers.rar". If you create a subfolder called **exams** in ICT and then drag the file **ICT\_Papers.rar** into **exams**.

- a) What would the new file path look like?

(2Marks)

.....

- b) Which part of the file path represents;

(2Marks)

- i. Parent folder

.....

- ii. Harddisk partition

.....

- c) Which program can be used to open the file above?

(1Mark)

.....

4. a) Define the term computer hardware

(1Mark)

.....

.....

b) List four computer hardware components (4Marks)

i. ....

ii. ....

iii. ....

iv. ....

5. a) Define an Operating System (1Mark)

.....

.....

b) Mention any four functions of an Operating System (4Marks)

i. ....

ii. ....

iii. ....

iv. ....

6. a) Differentiate between a webpage and a website (2Marks)

.....

.....

.....

b) Briefly explain the following as used in websites (3Marks)

i. html

.....

.....

ii. http

.....

.....

iii. Hyperlinks

.....

.....



(5Marks)

7. List any five advantages of cloud computing

- i. ....
- ii. ....
- iii. ....
- iv. ....
- v. ....

(1Mark)

8. a) Define the term green computing

.....  
.....

b) Mention any four impacts of Artificial Intelligence on everyday life (4Marks)

- i. ....
- ii. ....
- iii. ....
- iv. ....

9. Consider the text below;

Revelation 6:5-6 King James Version

5 And when he had opened the third seal, I heard the third beast say, Come and see. And I beheld, and lo a black horse; and he that sat on him had a pair of balances in his hand.

6 And I heard a voice in the midst of the four beasts say, A measure of wheat for a penny, and three measures of barley for a penny; and see thou hurt not the oil and the wine.

a) Which office application program is the most suitable for entering the above text into a computer

(1Mark)

b) List any four features of the above application that can be used to emphasise the above text.

(4Marks)

- i. ....
- ii. ....
- iii. ....

iv. ....

10. Mention five ways computers are used in the field of education (5Marks)

i. ....

ii. ....

iii. ....

iv. ....

v. ....

11. Your computer does not display any icon on the desktop. You try creating a new folder but it still does not show up.

a) Write down the steps you would follow to overcome the above challenge. (3Marks)

.....  
.....  
.....

b) Mention any two default desktop icons (2Marks)

i. ....

ii. ....

12.a) Differentiate between a printer and a scanner. (2Marks)

.....  
.....  
.....

b) Briefly explain any three forms of output given by the computer. (3Marks)

i. ....

ii. ....

iii. ....

13. Outline any five characteristics of a good computer software (5Marks)

i. ....

ii. ....

iii. ....

iv. ....

v. ....

14. Mention any five social media platforms represented in the picture below:

(5Marks)



i. ....

ii. ....

iii. ....

iv. ....

v. ....

15. Explain the following elements of data communication

(5Marks)

a. Sender

.....

b. Receiver

.....

c. Messages

.....

d. Transmission media

.....

e. Protocols

.....

16. State any five factors limiting the full exploitation of ICTs by the SMEs in Uganda

(5Marks)

i. ....

ii. ....

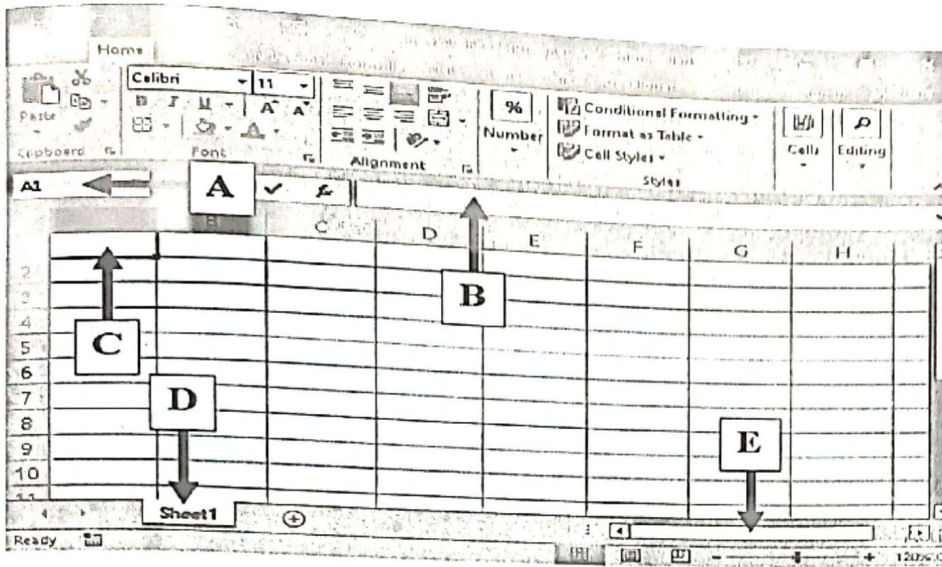
iii. ....

iv. ....

v. ....



17.



Name the parts labelled

(5Marks)

- A.....
- B.....
- C.....
- D.....
- E.....

18.Outline any five factors to consider before buying a computer.

(5Marks)

- i. ....
- ii. ....
- iii. ....
- iv. ....
- v. ....

19.Briefly explain the following terms as used in software

(5Marks)

a. Freeware

.....

.....

b. Shareware

.....

.....

c. Open source

.....

.....

d. Custom software

.....

.....

e. Off-the-shelf

.....

.....

20. List any 3(three) and 2(two) advantages and disadvantages of using internet respectively

**Advantages**

(3Marks)

- i. ....
- ii. ....
- iii. ....

**Disadvantages**

(2Marks)

- i. ....
- ii. ....