

Name: .....

Number ..... Signature .....

840/1

COMPUTER STUDIES

PAPER 1

(Theory)

JULY/AUGUST 2023

2 ½ HOURS

**ASSHU ANKOLE JOINT MOCK EXAMINATIONS 2023**

**Uganda Certificate of Education**

**COMPUTER STUDIES**

**840/1**

**(Theory)**

**2 HOURS 30 MINUTES**

**INSTRUCTIONS TO CANDIDATES**

- *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 must be written in the box provided on the right hand side of each question.*
- *Section B contains six compulsory structured questions.*
- *Answers to section B must be written in the spaces provided in the question paper.*
- *Section C contains three practical theory questions. Answer only one.*  
*Answers to section C must be written in the spaces provided at the end of the question paper.*

**For Examiner's Use Only**

MCQ	Q21	Q22	Q23	Q24	Q25	Q26	Q27	Q28	Q29	TOTAL

## SECTION A

1. What are the two parts of an e-mail address?  
A. User name and password  
B. User name and phone number  
C. User name and domain name  
D. Pass word and phone number  
☐
2. Arrange in ascending order the units of memory Yottabyte (YB), Exabyte (EB), Zettabyte (ZB), Petabyte (PB)  
A. PB>EB>ZB>YB  
B. YB>PM>YB>EB  
C. EB>YB>PB>ZB  
D. EB>PB>ZB>YB  
☐
3. -----is a wireless communication technology which utilizes light to transmit data and position it between devices.  
A. WI-Fi  
B. GPS  
C. WIMax  
D. LI-fi  
☐
4. The two kinds of memory are  
A. Direct and sequential  
B. Primary and secondary  
C. Internal and external memory  
D. RAM and ROM  
☐
5. The performance of the CPU is measured in terms of  
A. Access time  
B. Transfer rate  
C. Clock speed  
D. Store  
☐
6. The following converts high level language to machine language  
A. Syntax  
B. Interpreter  
C. Source code  
D. Debugger  
☐
7. Making and using duplicate software is called  
A. Free ware  
B. Copyright  
C. Piracy  
D. Hacking  
☐

8. Which one of the following makes up a machine cycle...

- A. Fetch-decode-execute-store
- B. Fetch-store-execute-decode
- C. Fetch-store-decode-execute
- D. Fetch-decode-store-execute

☐

9. In HTML the keyword are enclosed with

- A. Curly brackets {}
- B. Square brackets []
- C. Parentheses ()
- D. Angular brackets <>

☐

10. Which of the following is required to create an HTML document

- A. Text editor ,
- B. Search engine
- C. Internet
- D. Browser

☐

11. G2 in relation to spreadsheet is an example of

- A. Value
- B. Label
- C. Cell address
- D. Combination of a label and a value

☐

12. .... Is an electronic spreadsheet cell entry that by default left aligns its self

- A. Text
- B. Values
- C. Charts and graphs
- D. Function

☐

13. Virus designers mainly attack \_\_\_\_

- A. UNIX
- B. DOS
- C. Linux
- D. Windows OS

☐

14. Identify the odd man out

- A. Filter
- B. Query
- C. Form
- D. Report

☐

15. The slide that is used to introduce a topic and set the tone for the presentation is called the
- A. Title slide
  - B. Master slide
  - C. Content slide
  - D. Graph slide
16. Press \_\_\_\_\_ to delete one word to the right.
- A. Ctrl + Enter
  - B. Ctrl + Delete
  - C. Ctrl + Tab
  - D. Ctrl + Backspace
17. The first generation computer could do
- A. Networking
  - B. Multi-tabulation
  - C. Batch processing
  - D. Multi-tasking
18. Which of the following is the device used for converting maps, pictures, and drawings into digital form for storage in computers?
- A. Image Scanner
  - B. Digitizer
  - C. MICR
  - D. Scanner
19. In windows a computer uses the.....to start the boot sequence .
- A. CMOS
  - B. RAM
  - C. CPU
  - D. BIOS
20. Which of the following service allows a user to log in to another computer somewhere on the Internet?
- A. E-mail
  - B. UseNet
  - C. Telnet
  - D. FTP



## SECTION B

21. a).Name two of the sections that make up a standard desktop

computer keyboard

(02 marks)

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.....

b).State the effect on a sentence after simultaneously pressing the

control button and letter M.

(01 marks)

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c).Give three ways of classifying computers.

(03 marks)

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.....

d).Outline four applications of computers in the area of transport.

(04 marks)

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.....

22. a).Distinguish between input device and output device. (02 marks)

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.....

b).Name one computer input device and output device for audio data. (02 marks)

i).....ii).....

c).State three benefits of formatting a disk before carrying out an installation. (03 marks)

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d).List three examples of wearable computers (03 marks)

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23a).Give three advantages of a Zipped folder. (03 marks)

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b).State three reasons why DOS (Disk operating system) is not user friendly. (03 marks)

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c).Explain the term Low- level language. (02 marks)

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d).Write two types of programing languages. (02 marks)

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24.a).Give three circumstance that can make someone use a word processor other than any other application. (03 marks)

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b). State the importance of the following word processing features

i. Format painter (01 mark)

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.....

ii. Footnote (01 mark)

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.....

c). Distinguish between a soft page break and hard page break

(02 marks)

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

d). A student created her slides 1, 2 and 3. Which feature within the presentation software will enable the student perform each of the following. (03 marks)

i. Connect slide 3 to slide 1

.....

ii. Change background color of the entire slide at once.....

.....

iii. Enable a particular motion on text put on a slide

.....



25a).What is meant by the following spreadsheet features

i. Name box (02 marks)

.....

ii. Function (02 marks)

.....

b).A boy who was trying to learn spreadsheet functions entered the following information in a cell but the spreadsheet displayed an error message.

=IF(D2>="50",GOOD,IF(D2<"50",POOR)

Identify two faults made on the entry that made it impossible to display the intended outcome (02 marks)

.....

.....

c).The following extract was got from a data base where √ indicated male.

MemberName	Gender	Date of appointment
Eva		10/02/2019
James	√	29/01/2018

i. Count the number of records in the table (01 mark)

.....

ii. State the data type used in the column of Gender (01 mark)

.....

iii. Write a criteria that would allow a data base query display all Female whose names start with letter N (02 marks)

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26 a) .Describe a transmission medium. (01 mark)

.....

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.....

b). Name one physical and one nonphysical transmission media commonly used for networking.

i. Physical (01 mark)

.....

ii. Non physical (01 mark)

.....

c).Give two advantages of

i. Physical network connections over wireless connections.

(02 marks)

.....

.....

ii. Wireless network connect over physical connections (02 marks)

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d.i). Explain the term E-learning (01 mark)

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- ii). Give two reasons for the increasing e-learning facilities in educational institutions (02 marks)

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### SECTION C

27. A newly established bank has approached you to offer advice on the security risks to computers and institution data and how such risks can be minimized.

- a). Explain five possible dangers the bank is exposed to. (10 marks)
- b). Advise the bank in five ways on how to guard against the dangers mentioned in (a) above (10 marks)

28. a). Explain the booting process of computer that has been off. (12 marks)

- b). State the importance of the following components during the booting process.

- |                  |            |
|------------------|------------|
| -ROM chip        | (02 marks) |
| -RAM chip        | (02 marks) |
| -Hard disk drive | (02 marks) |
| -Display unit.   | (02 marks) |

- 29.a). Outline five services of a server in a client- server network. (05 marks)
- b). Describe three network layouts you can advise your school to setup. (15 marks)

END