

NAME:.....

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840/1
COMPUTER STUDIES
PAPER 1
AUGUST, 2016
2½ Hours

RESOURCEFUL MOCK 2016
Uganda Certificate of Education

COMPUTER STUDIES

Paper 1

2 hours 30 minutes

INSTRUCTIONS TO CANDIDATES:

- *This paper consists of three sections A, B & C*
- *Fill the right alternative in the box provided besides each question.*
- *Attempt all questions from section B and one question from section C*
- *Answers to section B must be written in the spaces provided.*
- *Answers to section C must be written on the answer sheets provided.*

FOR OFFICIAL USE ONLY:

MCQ	21	22	23	24	25	26	27	28	29	TOTAL

Section A (20 Marks)
Attempt all questions in this section

1. A person who accesses computer systems illegally is referred to as:
A. Criminal B. Pirate C. Hacker D. Wizard
2. is the permanent type of memory found in computer systems.
A. RAM B. ROM C. CPU D. Registers
3. John Napier invented calculating rods called
A. Calculators B. Napier's Bones C. Arithmetic machine D. Napier's rods
4. Which one of the following is not a programming tool?
A. Debugger B. An interpreter C. Notepad D. A compiler
5. is an address that does not change when a formula is copied to another location in spreadsheet.
A Absolute address B. Relative address C. Mixed address D. Formula address
6. Identify one of the following that is an odd operation of database.
A Creating slides B. Creating a database file structure C. Defining fields D. Calculating statistics for groups of records
7. Which one of the following is not a word processor?
A. Microsoft word B. Word wrap C. Word perfect D. Lotus word pro
8. Rights enforceable by law accorded to a developer of software is called
A Copyright. B. Patent right. C. Trade secret right, D. 'trade mark.
9. Which of the following usually provides internet e-mail accounts and addresses?
A. ISP B. Internet café C. WWW D. TCP/IP
10. A makes it easy to find our way round the internet
A. Network browser B. Microsoft word C. Compiler D. Digital camera
11. The Following best describes the purpose of a web page
A. Making money on the Internet B. Creating awareness about something on the Internet
C. Uploading files on the Internet' D. Downloading files on the Internet.
12. Which of the following devices can be used to convert images or text on paper documents into electronic format that a computer can display, store and print.
A. Track ball B. Scanner C. Monitor D. CD - ROM
13. Which of the following is not a storage device?
A. Disk drive A B. Disk drive B C. Motherboard D. CD – ROM
14. Computer with a Specification will load programs faster.
A. 900 MHZ B. 1 GHZ C. Duo core (3.2Mhz +3.2 Mhz) D. 600 MHZ
15. Formatting a disk does one of the following:
A. Makes the letters bold B. Changes the appearance of files on a disk
C. Increases the indent D. Erases the contents of a disk

- 16. Which of the following represents standard way of writing a URL?
 - A. [http:// www.google.co.ug](http://www.google.co.ug)
 - B. [http:/ www.google.co.ug](http://www.google.co.ug)
 - C. [http: www.google.co.ug](http://www.google.co.ug)
 - D. [https:// www.google.co.ug](https://www.google.co.ug)

- 17. Which of these factors does not affect internet speeds?
 - A. Bandwidth
 - B. Type of media
 - C. Network traffic
 - D. World Wide Web

- 18. In a database, a collection of fields that contain data about single activity or transaction is referred to as a
 - A. File
 - B. Table
 - C. Record
 - D. Primary key

- 19.is a website that is managed by its readers.
 - A. A Wiki
 - B. A Web server
 - C. A website
 - D. A marquee

- 20. Computer programs used in tasks such as removal of viruses or data compression can be categorized as.....
 - A. word processors
 - B. desktop publishing
 - C. utility programs
 - D. Cleaning programs

SECTION B (60 Marks)
Attempt all questions in this section.

- 21. (a) What is meant by the term computer generation? (01 mark)

- (b) State four differences between the first and fourth generation of computers (04 marks)
 - (i)
 - (ii).....
 - (iii)
 - (iv).....

- (c) Define the term Digital computer (01mark)

- (d) Give the main difference between a dumb terminal and an intelligent terminal (01 marks)

(e) Write the following in full (03 marks)

- I. WYSIWYG:.....
- II. EDVAC:.....
- III. ENIAC:.....

22. (a) Distinguish between the following as used in computers.

I. Data and information (02 marks)

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II. Domain name and IP address. (02 marks)

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(b) What is a bug? (01 Mark)

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(c) Give two examples of low level programming languages. (02 Marks)

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(d) Mention three shortcomings of programming languages. (03 Marks)

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23. Staffin a firm of Solicitors uses typewriters for all letters and forms. The firm decides to introduce word processors to make the office work more efficiently.

(a) Define the term word processor (02 marks)

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After sometime, most of the staff finds out that the word processors make their job easier. Mention three reasons why their jobs are made easier. (03 marks)

(i).....

(ii).....

(iii).....

(b) What word processor function, would you use to: (03 marks)

(i) Make headings more emphasized and distinct.

(ii) Type an address at the right of a document

(iii) Produce a draft document with space between the lines.

(c) What is the difference between lower case and upper case? (02 mark)

24. (a) Define the term band width. (02 marks)

(b) List three wireless communication media. (03 marks)

(c) Explain the following Internet services (05 marks)

TELNET

WWW

E- Mail

Blogs.....

Chatrooms.....

25. (a) In each of the following, mention any two safety security measures taken in a computer laboratory to prevent. (06 marks)

i. Unauthorized Physical access

ii. Unauthorized Data access

iii. Electricity related threats

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(b) What do you understand by the following terms? (04 marks)

i. Trouble shooting.....

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ii. Computer Maintenance.....

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iii. Computer Repair

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iv. Biometrics

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26. (a) Explain the following terms as used in presentation software. (03 marks)

Slide show

Slide sorter

Slide layout

(b) Explain the importance of presentations. (02 marks)

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(c) Describe one function of a slide master. (01 marks)

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(d) Distinguish between Microsoft Access and Database. (02 marks)

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(e) Give two advantages of electronic databases over manual databases (02 marks)

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Section C (20 Marks)
Attempt any one question.

27. (a) What is e-commerce? (04 Marks)
(b) What are the advantages and disadvantages of Internet in business today? (16 Marks)
28. (a) What is an email? (02 marks)
(b) Write brief notes about the following email terminologies (06 Marks)
I. CC
II. BCC
III. Subject
(c) What is the difference between CC and BCC (02 Marks)
(d) What are the advantages and disadvantages of using emails? (10 Marks)
29. Outline what you expect the role of computers to be in future. (20 Marks)

- End -